

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or  
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

- ☒
- ☒
- ☒
- ☒
- ☐
- ☐
- ☐
- ☐
- ☒

1-17-58

FILE NOTATIONS

Entered in NID File

Entered On C.R. Sheet

Location Map Pinned

Card Indexed

IWR for State or Fed Land

Checked by Chief

Gave IWR to Field Office

Approval Letter

Disapproval Letter

Oil Field Log

Date Well Completed 1-17-58

OW ☒ WY TA

GV OS PA

Location Presented

Bonded

State or Fed Land

LOGS FILED

Driller's Log 3-31-58

Electric Logs (No. ) 2

E I E-I ☒ GR GR-N ☒ Mi-L ☒ Sonic Others

(SUBMIT IN TRIPLICATE)

X			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allottee Navajo  
Lease No. 14-20-603-359

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

23 October, 1957

Well No. Navajo J-1 is located 760 ft. from N line and 560 ft. from E line of sec. 9

NW NW Sec 9 T 41 S R 25 E SLBM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
McElmo Creek San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ungraded ground ~~center block~~ above sea level is 4626 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill well to test Paradox Lime at approximately 5900'.  
Will set approximately 1300' of 10-3/4" casing as surface pipe.  
Will set 7" casing through any commercial production encountered.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL CO.

Address Box 276

Cortez, Colo.

By L. Bannauti

Title Pet. Engr.

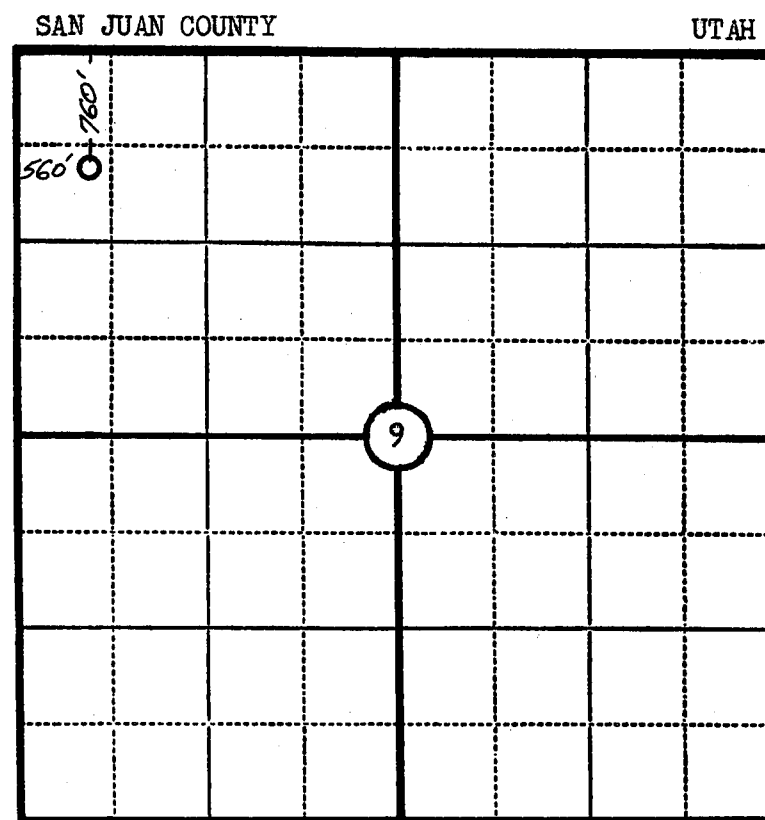
Company. THE SUPERIOR OIL COMPANY

Lease. NAVAJO Well No.

Sec. 9, T. 41 S., R. 25 E., S. 1 M.

Location. 760' FROM THE NORTH LINE AND 560' FROM THE WEST LINE.

Elevation. 4626.4 UNGRADED GROUND.



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*

Registered Land Surveyor.

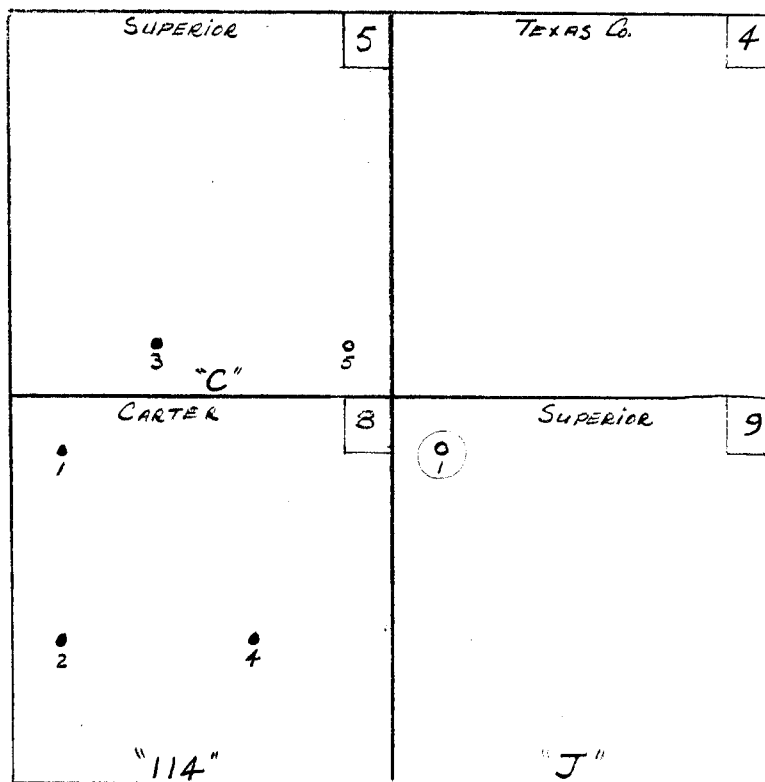
James P. Leese

Utah Reg. No. 1472

Surveyed 9 October, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

Platt showing location of Superior "J"-1  
well in relation to offsetting leases in  
McElmo Creek field.



T41S R25E  
San Juan County  
Utah

October 24, 1957

The Superior Oil Company  
P. O. Box 276  
Cortez, Colorado

Attention: G. Baunantine, Petroleum Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo J-1, which is to be located 760 feet from the north line and 560 feet from the west line of Section 9, Township 41 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FINCH  
SECRETARY

CBF:cn

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

DR-USGS

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

X			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Window Rock  
Alhottos Nava jo  
Lease No. 14-20-603-359

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL Temporarily X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 16, 1957

Well No. Nava jo J-1 is located 740 ft. from <sup>[N]</sup>~~13~~ line and 560 ft. from <sup>[E]</sup>~~W~~ line of sec. 9

NW NW Sec. 9 41S 25E SLEM  
(N Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
McElmo Creek San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the <sup>ungraded ground</sup>~~deck floor~~ above sea level is 4626 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Note: Well was spudded in above spot, 20' north of proposed spot as indicated on our notice of intention to drill submitted on October 23, 1957.

Spudded: October 29, 1957.

Suspended: November 14, 1957.

Depth: 4575'.

Casing: 10-3/4" set at 1279' with 800 sacks.  
Installed X-mas tree on casing head.

Reason: To utilize rig in completion of well (C-4) prior to lease sale date.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address P. O. Box 276

Cortez, Colorado

By H. E. Nugent

Title Pet. Engineer

U. S. LAND OFFICE Window Rock  
SERIAL NUMBER 14-20-603-359  
LEASE OR PERMIT TO PROSPECT Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company The Superior Oil Co. Address Box 276, Cortez, Colo  
 Lessor or Tract Navajo J Field McElmo Creek State Utah  
 Well No. Navajo J #11-9 (J-1)\* Sec. 9 T. 41S R. 25E Meridian SLBM County San Juan  
 Location 740 ft. N of N Line and 560 ft. E of W Line of Sec. 9 Elevation 4636  
(NEUTRAL ZONE, see level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed G. Bannantine  
G. BANNANTINE  
Title Pet. Engr.

Date 22-March 1958 Title G. BANNANTINE Pet. Engr.

The summary on this page is for the condition of the well at above date.

Commenced drilling ----- **29 October**, 19-**57**    Finished drilling ----- **17 January**-----, 19-**58**

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5260 to 5391 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 5402 to 5593 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_      No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	40.50	8rd Spang	1279			-----	-----	Surface
7"	20	23	8rd Spang	5640			5404	5426	Production String
							5440	5470	
							5498	5527	
							5544	5557	
							5574	5582	

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	1279	300	Circulated to surface		
7"	5640	900	Pump & plugs		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	1279	300	Circulated to surface		
7"	5640	900	Pump & plugs		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from **surface** feet to **5640** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

~~29 October~~ \_\_\_\_\_, 19 ~~57~~ \_\_\_\_\_ Put to producing ~~17 January~~ \_\_\_\_\_, 19 ~~58~~ \_\_\_\_\_

The production for the first 24 hours was **537** barrels of fluid of which **99.8** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and **0.2** % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

~~Hendrix~~ \_\_\_\_\_, Driller ~~Nelson~~ \_\_\_\_\_, Driller

~~Fox~~ \_\_\_\_\_, Driller ~~Short~~ \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Schlumberger Electric log tops:			
	De Chelly	2535	
	Organ Rock	2655	
	Hermosa	4449	(+187)
	Upper Boundary Butte	5260	(-624)
	Paradox Shale	5391	(-755)
	Lower Boundary Butte	5402	(-766)
	Chimney Rock	5593	(-957)
	T. D.	5640	(-1004)

[OVER]

16—43094-4

\*Former number



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_

Window Rock \_\_\_\_\_

Allottee Navajo \_\_\_\_\_

Lease No. 14-20-603-359

X		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	XX
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

22 March, 1958

Navajo J #11-9

Well No. (J-1)\* is located 740 ft. from  $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$  line and 560 ft. from  $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$  line of sec. 9

NW NW Sec. 9      41S      25E      SLBM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

McElmo Creek      San Juan      UTAH  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~drill floor~~ <sup>kelly bushing</sup> above sea level is 4636 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded: 29 October 1957.

Completed: 17 January 1958.

T. D.: 5640      P.B.T.D. 5597.

Casing: 10-3/4" surface casing set @ 1279 with 800 sacks.  
Cement circulated to surface.

7' casing set @ 5640 with 900 sacks. Pumped plugs down with final pressure of 1350#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Co.

Address Box 276

Cortez, Colo

By G. Bannantine  
G. BANNANTINE

Title Pet. Engr.

\*Former number

896118 XAW  
MAR 8 1 1968

Tubing: 2½" tubing hung to 5584.

Perforations: 5404--5426 (22')  
5440--5470 (30')  
5498--5527 (29')  
5544--5557 (13')  
5574--5582 ( 8').

DST: None.

Acid Job #1: (Perfs as above, tubing to 5583).

Dowell washed perfs with 1000 gals mud acid. Maximum treating pressure 1700/800, minimum 800/1000, final 1000/1000.

Acid Job #2: (Perfs and tubing as on Job #1).

Dowell acidized with 10,000 gals Gel-X-100 retarded acid. Maximum treating pressure 3600/1500, minimum and final 1500/1500.

Initial Production: Flowed 537.76 bbls in 24 hours, various chokes, 260#/730#. cut 0.2% BS & W, grav. 40.3.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT INSTRUCTIONS  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14 20-603-359	
2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME McElmo Creek	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 740' FNL & 560' FWL Sec. 9, T41S, R25E		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. #R-17	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4636' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T41S, R25E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Complete in additional zone <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Propose to perforate Ismay zone 5356-72' and stimulate with 2000 gallons 28% acid.

Production from Ismay and Desert Creek will be commingled.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

5/6/68

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

\*See Instructions on Reverse Side

cc: USGS, State, Broussard, Franques, File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT INSTRUCTIONS  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

#R-17

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

11. SEC. T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 9, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

740' FNL &amp; 560' FWL

Sec. 9, T41S, R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4636' KB

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Complete in additional zone.

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Perforated Ismay 5356-72' with 2 jets per ft. (16' = 32 holes).

Set Ret. B.P. @ 5395', Packer @ 5267'.

Treated with 2000 gal 28% acid, 4900# max. pressure.

Reset packer @ 5241'.

Complete work 5/8/68.

5/9/68 - Ismay flowed 659 BO in 24 hrs. with no water. 250 psi - 24/64" choke.

Now producing Ismay only. ✓

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

June 18, 1968

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-359
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  740' FNL & 560' FWL, Section 9, T41S, R25E SLM		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4635' KB	9. WELL NO. MCU #R-17
		10. FIELD AND POOL, OR WILDCAT McElmo Creek Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW NW Sec. 9, T41S, R25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

## Subsequent Report of Acid Stimulation:

3/25/71 Frac'd with 10,000 gal crude at 11 BPM at 3500 psi. 12,000 gal 28% acid was then injected in four stages with plugging material and crude oil flush as follows:

1st Stage: 10,000 gal (1-1/2# Unibead, 1# Mothballs/gal) plug, 4,000 gal 28% acid, 4,000 gal crude.

2nd Stage: 500 gal plug (3/4# Unibeads, 1-1/4# Mothballs/gal), 1500 gal 28% acid.

3rd Stage: 500 gal plug (3/4# Unibeads, 1-1/4# Mothballs/gal), 2500 gal 28% acid, 7,000 gal crude.

4th Stage: 500 gal plug (1/2# Unibeads, 1-1/2# Mothballs/gal) 4,000 gal 28% acid, 5500 gal crude.

Production prior to workover 116 BOPD, 206 BWPD, 64% water cut.

Production 4/19/71 - 315 BOPD, 418 BWPD, 57% cut.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE District Engineer

DATE 5/19/71

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OGC/nh

\*See Instructions on Reverse Side

xc: State, USGS, Franques, Broussard, Hurlbut, WIO, File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE REVERSE SIDE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #R-17

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

740' FNL, 560' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4635' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Set packer at 5390'.

Convert to Desert Creek water injection through existing perfs 5404-5582' in five intervals.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE DEC 12 1974

BY C. B. Feigh

18. I hereby certify that the foregoing is true and correct

SIGNED J. L. Gallagher

TITLE Production Engineer

DATE 11/19/74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JLG/nh

\*See Instructions on Reverse Side

cc: H. L. Franques, W. N. Mosley, Nav. Tribe, File

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF

Superior Oil Company

ADDRESS P.O. Drawer 'G'  
Cortez, Colorado ZIP 81321

INDIVIDUAL PARTNERSHIP CORPORATION

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR

INJECT FLUID INTO THE MCU R-17 WELL

SEC. 9 TWP. 41S RANGE 25E

San Juan COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐  
LP GAS STORAGE ☐  
EXISTING WELL (RULE I-4) ☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name McELMO CREEK	Well No. R-17	Field McELMO CREEK	County SAN JUAN
Location of Enhanced Recovery Injection or Disposal Well 740' FNL, 560' FWL Sec. 9 Twp. 41S Rge. 25E			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date 1/11/58	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile 1065	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) Production wells within McElmo Creek Unit	Geologic Name(s) and Depth of Source(s) Ismay (5300') Desert Creek (5400')		
Geologic Name of Injection Zone Ismay & Desert Creek		Depth of Injection Interval 5356 to 5582	
a. Top of the Perforated Interval: 5356	b. Base of Fresh Water: 1065	c. Intervening Thickness (a minus b) 4291	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones See item 4 (ii) attachment I			
Injection Rates and Pressures Maximum 2000 B/D 2800 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			

State of Colorado )

County of Montezuma )

*James S. Andres*  
Applicant

Before me, the undersigned authority, on this day personally appeared JAMES S. ANDRES known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 15th day of June, 1983

SEAL

My commission expires 5-2-86

*Letitia S. Newman*  
Notary Public in and for State of Colorado  
County of Montezuma

(OVER)

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
LEASE NO.

API NO. \_\_\_\_\_

640 Acres  
N

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY San Juan SEC. 9 TWP. 41S RGE. 25E

COMPANY OPERATING Superior Oil Company

OFFICE ADDRESS P.O. Drawer 'G'

TOWN Cortez, Co. STATE ZIP 81321

FARM NAME McElmo Creek WELL NO. R-17

DRILLING STARTED 10/29/57 DRILLING FINISHED 1/10/58

DATE OF FIRST PRODUCTION 1/16/58 COMPLETED 1/15/58

WELL LOCATED SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  NW  $\frac{1}{4}$

580 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 560 FT. FROM WL OF  $\frac{1}{4}$  SEC.

ELEVATION DERRICK FLOOR 4633' GROUND 4626'

TYPE COMPLETION

Single Zone \_\_\_\_\_

Multiple Zone \_\_\_\_\_

Comingled X

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5356'	5372'	Desert Creek Zone 3	5574'	5582'
Desert Creek Zone 1	5404'	5470'			
Desert Creek Zone 2	5498'	5557'			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	32.75#	H-40	1115'		800		Surface
"	40#	J-55	167'				
7"	23#	J-55 LT&C	85'		900		2435'
7"	20#	J-55 ST&C	3342'				
"	20#	J-55 LT&C	837'				
"	23#	J-55 LT&C	1376'				

TOTAL DEPTH 5640'

PACKERS SET  
DEPTH None

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	D.C. 1,2,3	1	2	3
SPACING & SPACING ORDER NO.				
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)				
PERFORATED	5404'-70'	5356'-72'		
INTERVALS	5498'-57'			
	5574'-82'			
ACIDIZED?	1000 gal Mud acid	2000 gal 28% acid		
	10,000 gal Jel-X-100 acid			
FRACTURE TREATED?				

INITIAL TEST DATA

Date	1/16/58	6/7/68	
Oil, bbl./day	537.76		
Oil Gravity	40.3	Not/avail	
Gas, Cu. Ft./day	268,880 (est)	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	500 (est)		
Water-Bbl./day	0		
Pumping or Flowing	Flowing		
CHOKE SIZE	1/2" to 11/32"		
FLOW TUBING PRESSURE	260#		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 565-3733

James S. Andres Petroleum Engineer  
Name and title of representative of company  
JAMES S. ANDRES, Petroleum Engineer

Subscribed and sworn before me this 15th day of June 19 83

State of Colorado  
County of Montezuma

Scott B. Higman  
My Commission expires 5/2-86.



ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Attached is Form DOGM-UIC-1.

- (b) (1) See attached Land Plat.  
(2) Attached is Form DOGM-UIC-2.  
(3) See attached wellbore sketch.  
(4)

- i. The intervening thickness is over 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 10-3/4" surface casing. The 10-3/4" - 7" annulus pressure will be monitored to insure no behind pipe communication occurs.
- ii. Maximum Estimated Surface Pressure: 2800 psig.  
Maximum Estimated Rate: 2000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1065'	Shale
10-3/4" Surface Casing	1115'	
DeChelly	2189'	Sandstone
Organ Rock	2448'	Shale
Hermosa	4337'	Limestone
Upper Ismay	5259'	Limestone
Lower Ismay	5341'	Limestone
Gothic	5391'	Shale
Desert Creek	5401'	Limestone
Chimney Rock	5591'	Shale

(5)

- (i) A throttling valve will be installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water will be Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5400' respectively.
- (iii) The analysis of injection water is as follows: (as parts per million).
- |               |             |                          |
|---------------|-------------|--------------------------|
| PH: 6.5       | Ca: 13770   | SO4: 25                  |
| CL: 16700 ppm | Mg: 11421   | H2S: 30                  |
| Fe: 3         | HCO3: 109.8 | Ba: -                    |
| CaCO3: 18470  | CO3: -      | Specific Gravity: 1.0553 |

(5) Cont.

(iv) The proposed injection zones are the Ismay and the Desert Creek. Both zones are carbonate formations consisting of limestone, anhydrite, and dolomite. The formations extend throughout the Paradox formation and are underlain by the Chimney Rock Shale and overlain by the Hermosa Limestone.

(v) All fresh water zones are behind surface casing.

(vi) The analysis of formation water is as follows:  
(as parts per million)

PH: 6.9	Ca: 9560	SO4: 47
CL: 17400 ppm	Mg: 1749	H2S: 61
Fe: 1	HCO3: 25	Ba: -
CaCO3: 10280	CO3: -	Specific Gravity: 1.0503

(6) If the proposed injection well must be shut-in, the fresh water wells can also be shut in.

(7) N/A.

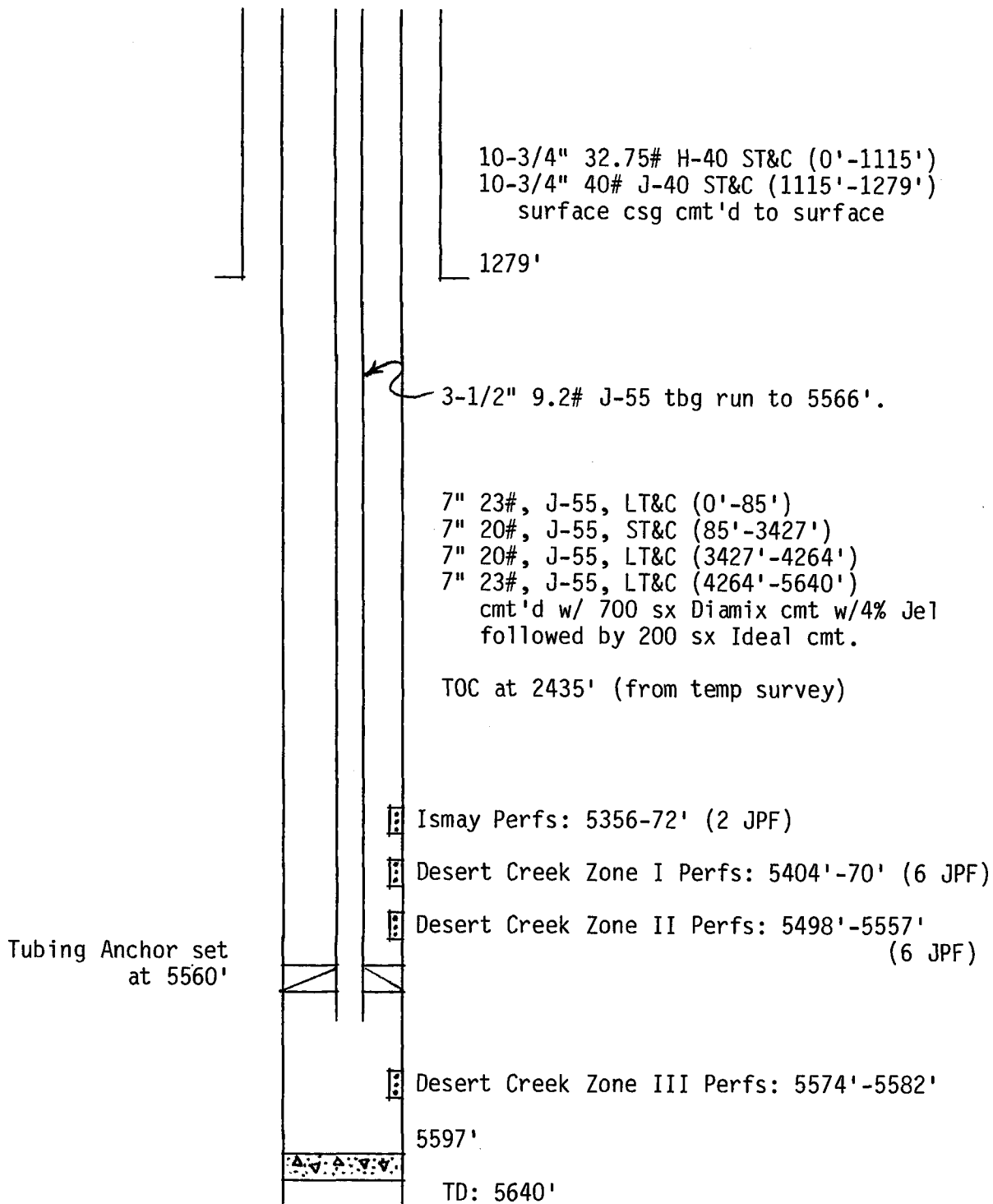
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) There are no defective wells in this area.

(10) N/A.

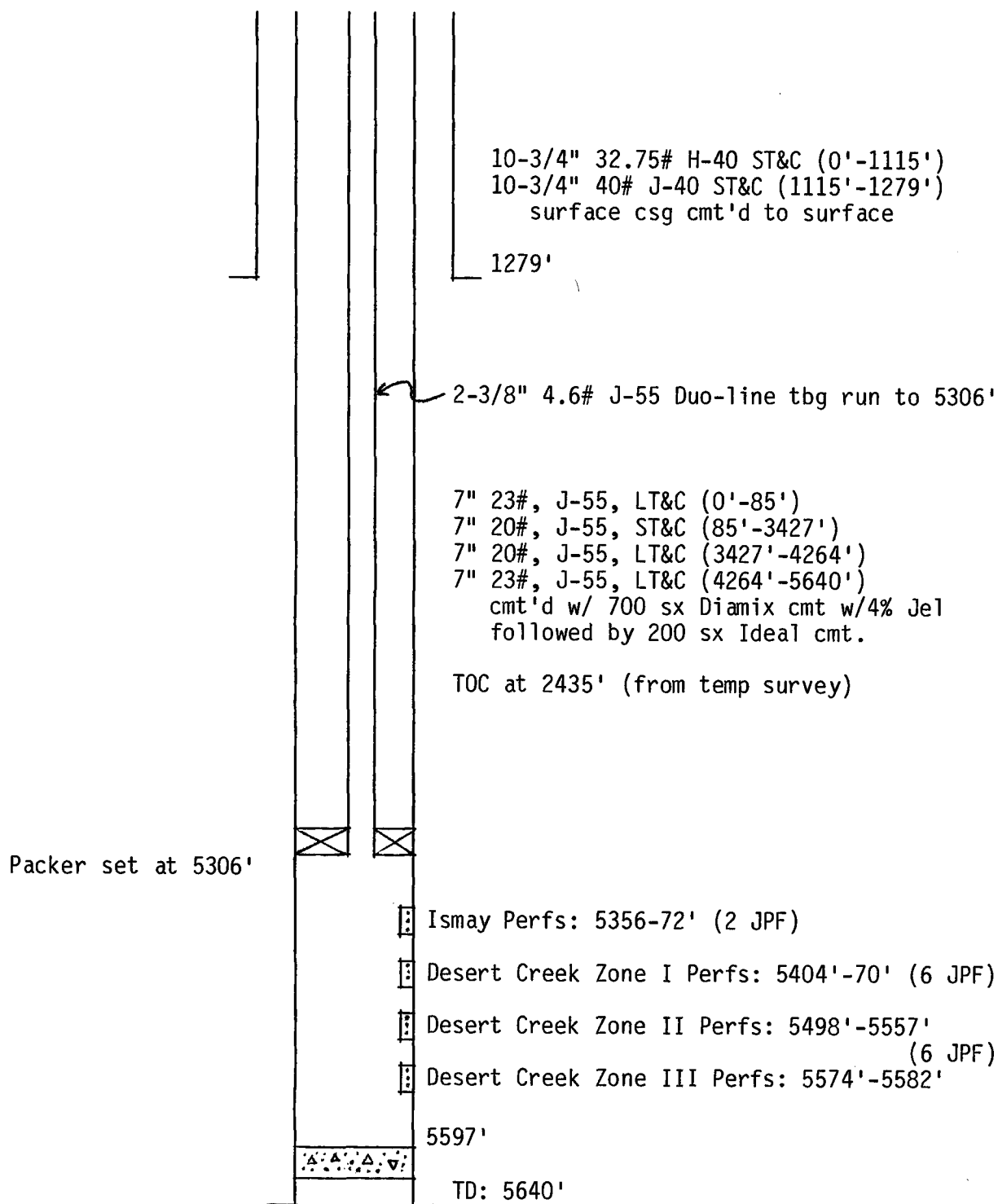
McELMO CREEK UNIT #R-17  
McELMO CREEK FIELD  
SAN JUAN COUNTY, UTAH

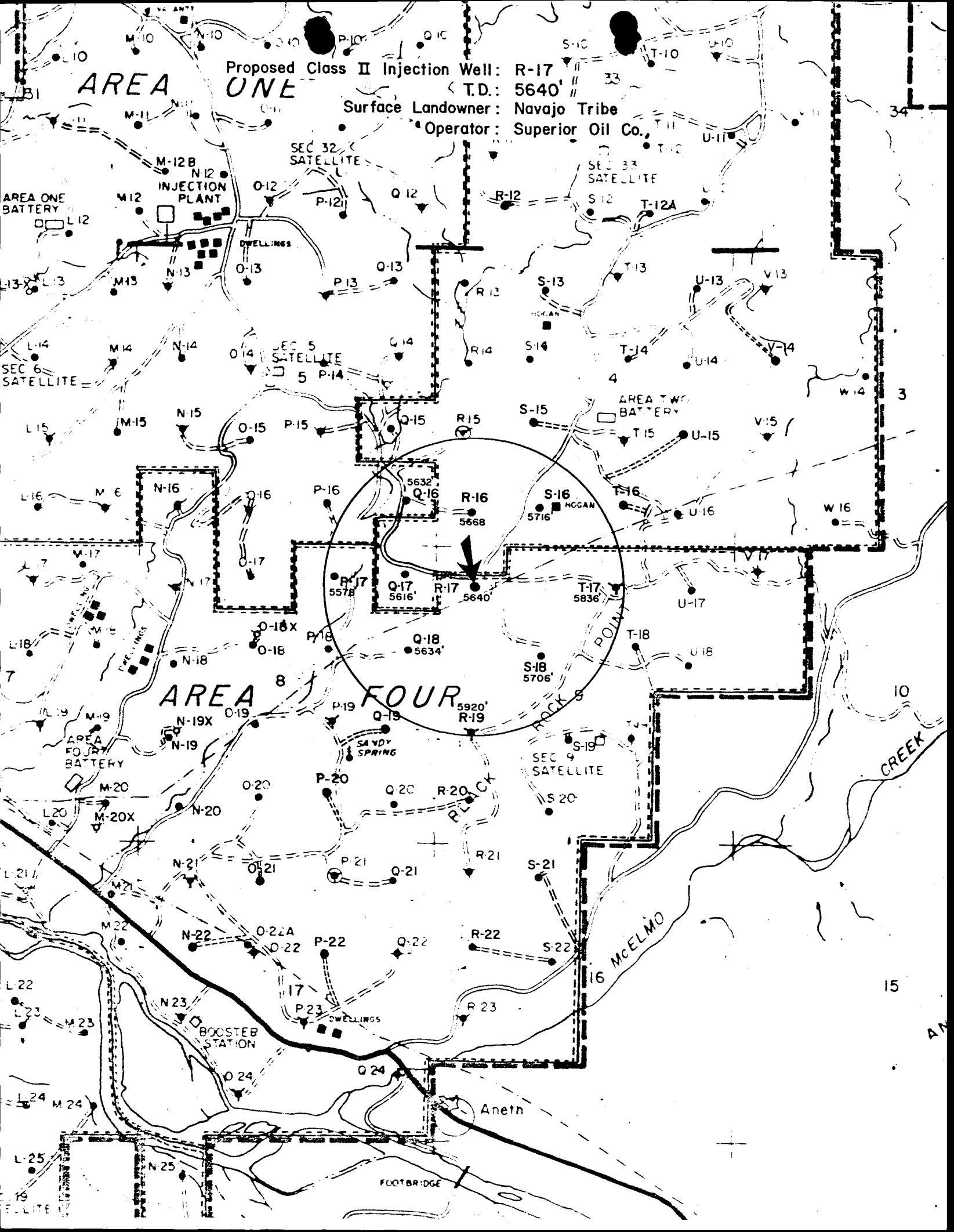
PRESENT WELLBORE SKETCH



McELMO CREEK UNIT #R-17  
McELMO CREEK FIELD  
SAN JUAN COUNTY, UTAH

PROPOSED WELLBORE SKETCH





Proposed Class II Injection Well: R-17  
T.D.: 5640'  
Surface Landowner: Navajo Tribe  
Operator: Superior Oil Co.

AREA ONE

SEC 32 SATELLITE

SEC 33 SATELLITE

AREA ONE BATTERY

M-12B  
N-12  
INJECTION PLANT

DWELLINGS

SEC 6 SATELLITE

SEC 5 SATELLITE

AREA TWO BATTERY

AREA FOUR

POINT  
ROCK

AREA FOUR BATTERY

SEC 9 SATELLITE

McELMO CREEK

BOOSTER STATION

Aneth

FOOTBRIDGE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐  
2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY  
3. ADDRESS OF OPERATOR  
P.O. Drawer 'G' Cortez, Colorado 81321  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 740' FNL, 560' FWL, Sec. 9  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

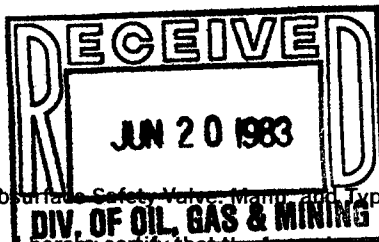
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Convert to injection	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
14-20-603-359  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO  
7. UNIT AGREEMENT NAME  
McELMO CREEK  
8. FARM OR LEASE NAME  
  
9. WELL NO.  
#R-17  
10. FIELD OR WILDCAT NAME  
GREATER ANETH  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T41S, R25E  
12. COUNTY OR PARISH  
SAN JUAN  
13. STATE  
UTAH  
14. API NO.  
43-037-15976  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4633' DF

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU.
2. POH with rods, pump, tubing string, & tubing anchor.
3. RIH with pkr. and tubing string.
4. Treat all perms with 15,000 gals. 28% HCL acid.
5. Swab back load.
6. RIH with plastic coated pkr & 2-3/8" Duolined tubing.
7. RDMO.



Subsurface Safety Valve: Mann and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James S. Andres TITLE Pet. Engineer DATE June 15, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## CLASS II FILE NOTATIONS

\*\*\*\*\*

DATE FILED: 6-20-83 OPERATOR: Superior Oil WELL NO. R-17  
 Sec. 9 T. 41S R. 25E QRT/QRT: NW/NW COUNTY: San Juan  
 New Well?        Conversion? X Disposal        Enhanced Recovery X

\*\*\*\*\*

SURETY/Bond? yes Card Indexed?        API Number: 43-037-15976

## APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? yes

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): Navajo Operators: Tepaco water well(s)       , abandoned well(s)       , producing wells or drilling well(s)       , dry holes       .

Completed Rule I-5(b)(2)? yes, (i)       , (ii)       ,  
      ,       ,       

Schematic diagram of Well: TD: 5640', PBTD:       , Depth of Inj/Disp interval: 5356'-5582', geologic name of inj/dis interval: Isamay-Desert Cbk.  
 Casing and cement: top surface, bottom       , Size of: casing 10 3/4" @ 1115'  
 tubing 3 1/2" - 5566', depth of packer:       

.Assessment of existing cement bond: Good  
 Location of Bottomhole:       . MAXIMUM INJECTION RATE: 2,000 BW/d  
 MAXIMUM SURFACE INJECTION PRESSURE: 2,800 psi.

## Proposed Operating Data:

Procedure for controlling injection rates and pressures: Throttle valve  
 Geologic name: Isamay-Desert Cbk., depth 5300'-5400', location of injection fluid source. Analysis of water to be injected +10,000 tds, water of injection formation +10,000 tds., EXEMPTION REQUIRED? NO

Injection zone and confining zone data: lithologic description limestone, aragaduh,  
 geologic name Isamay-Desert Cbk., thickness 4291', depth       ,  
 lateral extent centerline

USDW's that may be affected by injection: geologic name None,  
 lateral extent       , depth to the top and bottom of all known USDW's       .

Contingency plans?       

Results of formation testing?         
 Description of mechanical integrity test       , injection procedure       

\*\*\*\*\*

CHECKED BY: UIC ADMINISTRATOR:       

UIC GEOLOGIST:       

Application Complete? yes Notice Published yes, Date: 7/12/83  
 DIRECTOR: Approved? yes, approval letter sent yes, Requires hearing No.

8-1-83



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 1, 1983

Superior Oil Company  
P.O. Drawer "G"  
Cortez, CO 81321

Re: Class II Injection Well  
Approval  
Cause No. UIC-023

Gentlemen:

Please be advised that administrative approval has been granted to inject water into the wells mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 41 South, Range 25 East

Sec. 6, # L-13 SW NW NE  
Sec. 8, # N-19 SW NW SW  
Sec. 9, # T-19 SW NW SE  
Sec. 6, # K-14 NW SE NW  
Sec. 9, # R-17 SW NW NW  
Sec. 5, # Q-16 SW SE SE

Township 40 South, Range 25 East

Sec. 32, # N-9 NW NW NW

If you have any questions concerning this matter, please do not hesitate to call or write.

Sincerely,

*Dr. G. A. (Jim) Shirazi*  
Dr. G. A. (Jim) Shirazi  
Director

GS/TP/tp

Publication notices ect. located in L-13



FORM NO. DOGM-UIC-5  
(1981)

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 8414  
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) ~~TERMINATION~~ OF INJECTION  
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement ~~Termination~~ 8-16-83

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name #R-17, McELMO CREEK UNIT

Location: Section 9 Twp. 41S Rng. 25E, County SAN JUAN

Order No. authorizing Injection UIC-023 Date 8-1-83

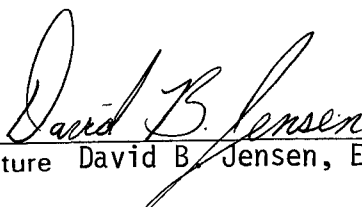
Zone into Which Fluid Injected Ismay, Desert Creek Zones I, II, III

If this is a Notice of Termination of injection, please indicate date well commenced injection. \_\_\_\_\_

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval \_\_\_\_\_

Operator SUPERIOR OIL COMPANY

Address P.O. DRAWER "G", CORTEZ, COLORADO 81321

  
Signature David B. Jensen, Engineer

August 29, 1983  
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, CO. 813214. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 740' FNL, 560' FWL, Sec. 9  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

## SUBSEQUENT REPORT OF:

☐  
☐  
☒  
☐  
☐  
☐  
☐  
☐  
(other) Convert to injection

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 8-8-83 MIRU. POOH w/ rods. Released tubing anchor. Start out of hole w/ 3-1/2" tubing.
- 8-9-83 Finish POOH w/ tubing. RIH w/ 7" Model 'C' retrievable bridge plug, retrievable head, retrievematic packer and 2-7/8", 6.5#, J-55 tubing. Set bridge plug at 5380'. Set packer at 5290'. Swabbed Ismay recovered 42 bbls. in 7 runs fluid level 4000' at start and 4250' after 3rd run.
- 8-10-83 Continued swabbing Ismay released packer and reset bridge plug at 5480'. Could not pressure up on bridge plug after 3 attempts.
- 8-11-83 POOH w/ tubing, packer, ret. head, and bridge plug. RIH w/ 7" retrievematic packer and 2-7/8" tubing. Set packer at 5292'. Acidized Ismay, D. C. I, II, and III Zones w/ 500 gal Xylene prepad, 9000 gal 28% HCL, 2000# rock salt and 4032 gal 20# gel flushed w/ 2650 gal salt water.

(Cont. on back)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Kerrion TITLE Production Engineer DATE 8-15-83  
T. Greg Kerrion

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1978 O - 214-149

8-11-83 Formation on vacuum entire job. Swabbed 60 bbls. 98% water in 6 runs.

8-13-83 Continued swabbing. Recovered 102 bbls. 98% water in 16 runs. POOH w/ 2-7/8" tubing

8-14-83 RIH w/ 7" Baker lockset packer and 2-3/8" casing, tubing. Well ready for injection.

CIRCULATED BACKSIDE FULL OF

Pressure tested packer, INHIBITED FW.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ GAS ☐ OTHER ☒ Water Injection
2. NAME OF OPERATOR  
Superior Oil Company
3. ADDRESS OF OPERATOR  
600 17th Street, Suite 1500S, Denver, Colorado 80202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

740' FNL, 560' FWL, Section 9

14. PERMIT NO. 43-037-15976 15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 4635'; GL: 4626'
5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-359
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
7. UNIT AGREEMENT NAME McElmo Creek
8. FARM OR LEASE NAME
9. WELL NO. #R-17
10. FIELD AND POOL, OR WILDCAT Greater Aneth
11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA Sec. 9, T41S, R25E, S1M
12. COUNTY OR PARISH San Juan 13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☒ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐  
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(Other) ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

- MIRU workover rig. POOH w/injection equipment.
- Set RBP at 5590' and packer at 5485'. Test for communication between Desert Creek I and II. Reset RBP at 5485' and packer at 5390'. Test for communication between Ismay and Desert Creek Zone I.
  - If Desert Creek I & II are communicated, squeeze all perfs w/550 sx cement. Drill out. Perforate Desert Creek I & II (5404'-26'; 44'-70'; 87'-90'/2 JSPF; 5498'-5527'; 44'-57'/1 shot per 2 feet). Acidize Desert Creek I & II w/6000 gals 28% HCl + additives. Swab back load.
  - If no communication exists, squeeze Ismay w/200 sx cement. Drill out cement. Acidize Desert Creek I & II w/6000 gals 28% HCl + additives. Swab back load.
  - If only Ismay and Desert Creek I are communicated, squeeze Ismay & Desert Creek I w/400 sx cement. Drill out. Perforate Desert Creek I (5404'-26'; 40'-70'; 87'-90'/2 JSPF). Acidize Desert Creek I w/5000 gals 28% HCl + additives. Swab back load.
- RIH w/injection equipment. Set packer at 5390'.
- RDMO.

*Accepted*  
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 5/5/84  
BY: [Signature]

DAVID B. JENSEN

TITLE ENGINEER

DATE 4/27/84

APPROVED BY  
SIGNATURE OF APPROVAL IF ANY.

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other Instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☐ OTHER ☐ WATER INJECTION

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

740' FNL, 560' FWL OF SECTION 9

14. PERMIT NO.  
43-037-15976

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB: 4635', GL: 4626'

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
R-17

10. FIELD AND POOL, OR WILDCAT  
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SEC. 9, T41S, R25E SLM

12. COUNTY OR PARISH 13. STATE  
SAN JUAN UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 10-24-84: Bled well off.  
10-25-84: POH w/ tbg & pkr. RIH w/ scraper to 5598'. POH w/ scraper.  
10-26-84: RIH w/ RBP & pkr. Desert Creek I & II communicated. Ismay & Desert Creek not communicated. POH w/ pkr & RBP.  
10-29-84: RIH w/ tbg conveyed CIBP. Tag bottom at 5584'. Set CIBP at 5485'.  
10-30-84: Set cmt retainer at 5282'. Squeezed Ismay and Desert Creek (5356-5582' O/A) w/ 500 sx Class 'B' cmt. Unable to reverse cmt out of 104 jts of tbg.  
10-31-84: RIH w/ mill and started milling out retainer.  
11-1-84: Drilled out 93' cmt.  
11-2-84: Drilled out 80' cmt.  
11-3-84: Drilled cmt to CIBP at 5485'. Obtained rate of 1-1/2 BPM at 1800 psi.  
11-5-84: RIH w/ pkr and tagged bottom at 5453'. Ismay perfs (5356-72') held pressure, Desert Creek I perfs (5404-70') didn't. POH w/ pkr. RIH w/ mill & scraper.  
11-6-84: Drilled out 31' cmt and began drilling out CIBP at 5485'.  
11-7-84: Pushed CIBP to 5500'. POH w/ mill. RIH w/ hydrostatic bailer & junk basket. Recovered scraper blade retainer.  
11-8-84: RIH w/ sandline drill and recovered CIBP. RIH w/ bit & scraper. Drilled out 50' cmt.

Continued on 2nd page.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Roberto Dentici*  
Roberto Dentici

TITLE

Engineer

DATE

12-7-84

(This space for Federal or State office use)

APPROVED BY

*Dean B. Fay*  
Dean B. Fay

TITLE

VIC Manager

DATE

12/10/84

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Page 2 - R-17 Sundry

- 11-9-84: Drilled out 50' cmt to 5590'. Perf'd Desert Creek I (5404-26', 5440-70', 5487-90'/ 2 JSPF), Desert Creek II (5498-5527', 5544-57'/ 2 JSPF) & Desert Creek III (5574-82'/ 2 JSPF). RIH w/ pkr.
- 11-10-84: Acidized Desert Creek w/ 5000 gals 28% HCL and salt plugs. Swabbed 60 bbls, 50% oil. Annulus flowing, Ismay and Desert Creek communicated.
- 11-12-84: Swabbed 90 bbls, 30% oil. POH w/ pkr. RIH w/ RBP & pkr. Set RBP at 5566', pkr at 5478'. No communication between Desert Creek I & II. Reset RBP and pkr, no communication between Ismay and Desert Creek, but Ismay is open.
- 11-13-84: POH w/ RBP & prk. RIH w/ CIBP and set at 5390'. RIH w/ pkr and set at 5244'. Squeezed Ismay (5356-72') w/ 120 sx Class 'B' cmt to 3000 psi.
- 11-14-84: POH w/ pkr.
- 11-15-84: RIH w/ bit & scraper. Drilled 10' green cmt. WOC.
- 11-16-84: Drilled cmt out to CIBP at 5390'. POH and RIH w/ pkr. Backside (Ismay) held pressure, but tubing (Desert Creek) didn't. CIBP not holding.
- 11-17-84: POH w/ pkr. RIH w/ sandline drill and drilled on plug.
- 11-19-84: Finished drilling out CIBP. RIH w/ bit & scraper to 5590'. POH.
- 11-20-84: RIH w/ pkr and injection string. Circulated inhibited FW on backside. Set pkr at 5380'. Returned well to injection.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input checked="" type="checkbox"/> WATER INJECTION				
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RENVR. <input type="checkbox"/>	Other <input type="checkbox"/>		
2. NAME OF OPERATOR SUPERIOR OIL COMPANY						3. ADDRESS OF OPERATOR P. O. DRAWER "G", CORTEZ, COLORADO 81321			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 740' FNL, 560' FWL OF SEC. 9 At top prod. interval reported below Same At total depth Same						5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-359			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO						7. UNIT AGREEMENT NAME McELMO CREEK UNIT			
8. FARM OR LEASE NAME						9. WELL NO. R-17			
10. FIELD AND POOL, OR WILDCAT GREATER ANETH						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 9, T41S, R25E			
14. PERMIT NO. 43-037-15976				DATE ISSUED DEC 14 1984		12. COUNTY OR PARISH SAN JUAN		13. STATE UTAH	
15. DATE SPUDDED 10-29-57	16. DATE T.D. REACHED 1-10-58	17. DATE COMPL. (Ready to prod.) 11-20-84	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB: 4635', GL: 4626'		19. ELEV. CASINGHEAD 4636'				
20. TOTAL DEPTH, MD & TVD 5640'	21. PLUG, BACK T.D., MD & TVD 5590'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-5640'	CABLE TOOLS None				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Injecting - 5404-5582' Desert Creek						25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron, Induction-Electrical						27. WAS WELL CORED Yes			
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	AMOUNT PULLED
10-3/4"		32.75&40 H-40		1279		13-3/4"		800 sx Reg w/2%gel&4%CaCl	To surface
7"		20 & 23 J-55		5640'		9"		700 sx Diamix & 200 sx Ideal	TOC at 2435'
								No yeilds available	
29. LINER RECORD									30. TUBING RECORD
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
					2-3/8"	5380'	5380'		
31. PERFORATION RECORD (Interval, size and number) 5404-26', 5440-70', 5487-90', 5498-5527' 5544-57', 5574-82' at 2 JSPF .44" holes 222 holes total					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
					DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
					5356-5582' O/A		500 sx Class 'B' cmt		
					5404-5582' O/A		5000 gals 28% HCL		
					5356-5372'		120 sx Class 'B' cmt		
33.* PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in) Injecting		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							TEST WITNESSED BY		
35. LIST OF ATTACHMENTS									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED <u>Roberto Dentici</u>			TITLE <u>Engineer</u>			DATE <u>12-7-84</u>			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lower Ismay & Desert Creek	5367'	5427'	Core #1 Rec. 60'-. Lime, Dolomite, Shale. Some vugular porosity, hairline fracture. Oil & gas shows
Desert Creek	5427'	5487'	Core #2 Rec. 60'. Lime, some Dolomite, Vugular porosity. Oil & Gas shows
Desert Creek	5487'	5547'	Core #3 Rec. 60'. Lime, some vugular porosity, Some oil & gas shows.
Desert Creek	5547'	5597'	Core #4 Rec. 50'. Lime, good vugular porosity. Dolomite, dense to fair porosity.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Chinle DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Shale Desert Creek Chimney Rock	1065' 2189' 2448' 4337' 5259' 5341' 5391' 5401' 5591'	



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> INJECTION WELL		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-359	
2. NAME OF OPERATOR MOBIL OIL CORP AS AGENT OF SUPERIOR OIL DIVISION OF OIL		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, CO 81321		7. UNIT AGREEMENT NAME MCELMO CREEK	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 740' FNL, 560' FWL		8. FARM OR LEASE NAME AS & MINING	
14. PERMIT NO. 43-037-15976		9. WELL NO. R-177	
15. ELEVATIONS (Show whether OF, ST, OR, etc.) DF: 4634'		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC. T. R. M. OR BLK. AND SUBST OR AREA Sec 9, T41S, R25E	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CO2 INJECTION</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Carbon Dioxide injection was initiated in this well on Aug 2, 1985

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Collins

TITLE

Sr Staff Op Engr

DATE

1-9-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	N-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP 43-037-15965	14-20-603-372		96-004190
	N-13 ✓	SAN JUAN	UT	NW	NW	05-41S-25E	INJ	OP 43-037-15966	14-20-603-372		96-004190
	N-15 ✓	SAN JUAN	UT	SW	NW	05-41S-25E	INJ	OP 43-037-05671	14-20-603-372		96-004190
	N-17 ✓	SAN JUAN	UT	NW	NW	08-41S-25E	INJ	OP 43-037-05597	14-20-603-263		96-004190
	N-19 ✓	SAN JUAN	UT	NW	SW	08-41S-25E	INJ	OP 43-037-05540	14-20-603-263		96-004190
	N-21 ✓	SAN JUAN	UT	NW	NW	17-41S-25E	INJ	OP 43-037-05492	14-20-603-263		96-004190
	N-23 ✓	SAN JUAN	UT	NW	SW	17-41S-25E	INJ	OP 43-037-16364	14-20-603-263		96-004190
	O-12 ✓	SAN JUAN	UT	SE	SW	32-40S-25E	INJ	OP 43-037-16371	14-20-603-372		96-004190
	O-14 ✓	SAN JUAN	UT	SE	NW	05-41S-25E	INJ	OP 43-037-16365	14-20-603-372		96-004190
	O-16 ✓	SAN JUAN	UT	SE	SW	05-41S-25E	INJ	OP 43-037-15969	14-20-603-372		96-004190
	O-18 ✓	SAN JUAN	UT	SE	NW	08-41S-25E	INJ	OP 43-037-05585	14-20-603-263		96-004190
	P-07 ✓	SAN JUAN	UT	NW	SE	29-40S-25E	INJ	OP 43-037-05828	I-149-IND-8839-A		96-004190
	P-09 ✓	SAN JUAN	UT	NW	NE	32-40S-25E	INJ	OP 43-037-16367	14-20-603-372		96-004190
	P-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP 43-037-15971	14-20-603-372		96-004190
	P-13 ✓	SAN JUAN	UT	NW	NE	05-41S-25E	INJ	OP 43-037-16368	14-20-603-372		96-004190
	P-15 ✓	SAN JUAN	UT	NW	SE	05-41S-25E	INJ	OP 43-037-16340	14-20-603-372		96-004190
	P-17 ✓	SAN JUAN	UT	NW	NE	08-41S-25E	INJ	OP 43-037-15976	14-20-603-263		96-004190
	P-19 ✓	SAN JUAN	UT	NW	SE	08-41S-25E	INJ	OP 43-037-05555	14-20-603-263		96-004190
	P-21 ✓	SAN JUAN	UT	NW	NE	17-41S-25E	INJ	OP 43-037-05487	14-20-603-263		96-004190
	P-23 ✓	SAN JUAN	UT	NW	SE	17-41S-25E	INJ	OP 43-037-16370	14-20-603-263		96-004190
	Q-12 ✓	SAN JUAN	UT	SE	SE	32-40S-25E	INJ	OP 43-037-05720	14-20-603-372		96-004190
	Q-14 ✓	SAN JUAN	UT	SE	NE	05-41S-25E	INJ	OP 43-037-15974	14-20-603-372		96-004190
	Q-16 ✓	SAN JUAN	UT	SE	SE	05-41S-25E	INJ	OP 43-037-15975	14-20-603-372		96-004190
	R-11 ✓	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	SI 43-037-05741	14-20-603-2057		96-004190
	R-11A ✓	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	OP 43-037-30179	14-20-603-2057		96-004190
	R-13 ✓	SAN JUAN	UT	NW	NW	04-41S-25E	INJ	OP 43-037-05709	14-20-603-2057		96-004190
	R-17 ✓	SAN JUAN	UT	NW	NW	09-41S-25E	INJ	OP 43-037-05602	14-20-603-359		96-004190
	R-19 ✓	SAN JUAN	UT	NW	SW	09-41S-25E	INJ	OP 43-037-05554	14-20-603-359		96-004190
	R-21 ✓	SAN JUAN	UT	NW	NW	16-41S-25E	INJ	OP 43-037-16374	14-20-603-359		96-004190
	R-23 ✓	SAN JUAN	UT	NW	SW	16-41S-25E	INJ	OP 43-037-15977	14-20-603-359		96-004190

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: MEPNA

FIELD: Greater Aneth

LEASE: McElmo Creek

WELL # R-17 (NAV. J 11-9)

SEC. 9 TOWNSHIP 41S RANGE 25E

STATE FED. FEE DEPTH 5640

TYPE WELL INJW

MAX. INJ. PRESS. 2000 PSI  
2000 BWPD

PBTD 5597

Injectivity Profile 3/25/85

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10<sup>3</sup>/<sub>4</sub></u>	<u>1279</u>	<u>800<sup>5x</sup></u>	<u>- 55<sup>#</sup></u>		
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7"</u>	<u>5640</u>	<u>900<sup>5x</sup></u>	<u>0<sup>#</sup></u>		
<u>TUBING</u>	<u>2<sup>3</sup>/<sub>8</sub></u>			<u>2000</u>		

Packout at 5306

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or  
reentry to a different reservoir. Use "APPLICATION FOR PERMIT"  
for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED  
APR 05 1990

1. Type of Well

Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator  
MOBIL OIL CORPORATION

DIVISION OF  
OIL, GAS & MINING

3. Address and Telephone No.  
P. O. Drawer G, Cortez, Co. 81321 303-565-2200

4. Location or Well (Footage, Sec., T., R., M.  
or Survey Description

660 FNL 1980 FEL, Sec 8, T41S, R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other	<input type="checkbox"/> Long term shut-in

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates,  
including estimated date of starting any proposed work. If well is directionally drilled, give subsurface  
locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Mobil has put this well on a long term shut-in status. This injection well is not taking any fluid and is  
scheduled for reconditioning within the next twelve months and will be put back on active status. This well is  
part of the CO2 flooding expansion within the McElmo Creek Unit.

Mobil Exploration and Producing U. S. Inc., as agent for Mobil Oil Corp.

14. I hereby certify that the foregoing is true and correct

Signed Chyle J. Benally Title Sr. Staff Environmental Engineer Date 3/30/90  
C. J. Benally

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to an  
or agency of the United States any false, fictitious or fraudulent statements or representations as  
within its jurisdiction.

Form Approved  
Budget Bureau No. 1004-0135  
Expires December 30, 1990

5. Lease Designation and Serial No.  
Unit 96-004190

6. If Indian, Allottee or Tribe Name  
Navajo Tribal

7. If Unit or CA, Agreement Designation  
McElmo Creek Unit

8. Well Name and No.

P-17

9. API Well No.

43-037-15976

10. Field and Pool, or Exploratory Area  
Greater Aneth

11. County or Parish, State

San Juan, Utah

OIL AND GAS

DRN RJF

JRB 1. GLH ☒

DTS SLS

3. MICROFILM

4. FILE

UIC	
GLH	<input checked="" type="checkbox"/>
DJJ	<input checked="" type="checkbox"/>
COMPUTER	<input checked="" type="checkbox"/>
MICROFILM	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator  
**MOBIL OIL CORPORATION**

3. Address and Telephone No.  
**P O BOX 633 MIDLAND, TEXAS 79702**

**(915)688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**740° FNL 560° FWL SEC. 9, T41S, R25E**

5. Lease Designation and Serial No.  
**14-20-603-359**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**MCELMO CREEK UNIT**

8. Well Name and No.  
**R-17**

9. API Well No.  
**43-037-15976**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
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☐ Final Abandonment Notice

TYPE OF ACTION

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☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other **SQUEEZE WITH RESIN**
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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SEE ATTACHED PROCEDURE

**RECEIVED**

**MAR 16 1992**

**DIVISION OF  
OIL GAS & MINING**

**ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

**DATE:**

**BY:**

**3-17-92**

**JAN J. JENSEN**

14. I hereby certify that the foregoing is true and correct

Signed **Shirley Todd** **SHIRLEY TODD**

Title **ENV. & REG. TECHNICIAN**

Date **3-11-92**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

PROPOSED WORKOVER PROCEDURE  
McELMO CREEK UNIT  
R-17  
SAN JUAN COUNTY, UTAH

LOCATION: 740' FNL, 560' FWL, SEC. 9, T41S, R25E

ELEVATION: KB: 4636' GL: 4626'

CURRENT STATUS: WAG injection well currently injecting 1,120 BWPD. No braden head or annular pressure.

PLAN: POOH w/ equipment. Isolate Ismay w/ RBP. Dump bail epoxy resin to plug Ismay thief. Drill out resin and run same injection equipment.

PERTINENT DATA: See cover page, wellbore diagrams, well history sheets, and correlation log (Schlumberger gamma ray/ neutron dated 1/10/58).

PROCEDURES:

- 1) Line all workover pits. Shut-in well 5-7 days prior to workover. Disconnect injection skid and remove.
- 2) RU Cudd. Tie coiled tbg unit into water injection line w/ a choke installed. RIH w/ 1" coiled tbg w/ nozzled jet tool for washing pipe/perfs. Reciprocate coiled tbg through perfs and circulate hole clean from 5320'-5597'. POOH w/ coiled tbg. RDMO Cudd.
- 3) MIRU DDFU w/ 96' derrick minimum. Open wing valve and check for flow. If well not dead, circulate 10# brine for kill fluid. If well not dead w/ 10# brine, contact engineering. ND wellhead, NU 7-1/16", 5000 psi WP Cameron BOP's, blinds bottom, 2-7/8" pipe rams top. Test rams w/ accumulators, ensure BOP's have been tested and certified.
- 4) MI Baker Oil Tools and Cyclone services. Release packer by setting down and rotating to right. POOH w/ 169 jts 2-7/8", 8rd, Fluorolined tbg + Baker 'HEL' on/off tool + Baker model 'B' shut-off valve + Baker 7" inverted lock-set packer. Break-out tbg connection w/ Cyclone services Eckle tongs. Inspect permisserts in tbg coupling, if in good condition, stand back in derrick w/ protectors for re-run, if in poor condition, lay down. Send packer/valve/on-off tool to Baker yard for hydrotest. Report condition of downhole equipment.
- 5) RU Basin wireline. Run GR/CCL/Temp log from 5597'-5000', tie into Schlumberger GR/Neutron - 1/10/58. POOH. RIH w/ wireline RBP and set @ 5400'. Dump 25' sand on RBP. MI KFE. RU 3" X 30' dump bailer. Dump bail epoxy resin from 5350'-5375' in 15 gal increments. RIH w/ thief tool, find resin top and monitor gravity drainage. Dump resin until Ismay thief from 5356'-5372' is plugged. RDMO Basin and KFE.

- 6) MI HOMCO. PU and RIH w/ 6.0" fluted mill + stabilizer w/ klustrite on leading edge of bar stock + 6 DC's + 166 jts 2-7/8" workstring. RU power swivel. Drill out resin w/ high rpm, low weight from 5350'-5375'. Circulate sand off RBP. POOH.
- 7) PU and RIH w/ retrieving head for RBP on 174 jts 2-7/8" workstring. Retrieve RBP and tag PBTD @ 5597'. POOH and lay down workstring.
- 8) PU and RIH w/ Baker 7" inverted lock-set packer + model 'B' shut-off valve + 'HEL' on/off tool + 174 jts 2-7/8" fluorolined tbg. Make-up tbg w/ Cyclone services Eckle tongs. Set packer @ +/- 5390' w/ 10,000 #'s compression. Load backside and pressure test to 1000 psi for 30 minutes, less than 100 psi leak-off acceptable. Bleed off pressure.
- 9) Release on/off tool and close valve w/ left hand turn. Circulate KW-37 packer fluid to inhibit annulus. Latch on/off tool and open valve w/ right hand turn. ND BOP's and NU wellhead. Set injection skid and tie into wing valve. RDMO PU.
- 10) Contact Ken Lingo, EPA representative, and Ernie Thomas, Mobil E/R and schedule mechanical integrity test MIT. Pressure tbg/csg annulus to 1000 psi for 30 minutes, less than 100 psi leak-off acceptable. Bleed off pressure. Have EPA witness and obtain chart for submittal w/ sundry notice.

Approved:

K.W. Walters  
OE Supervisor

T.W. McPherson  
Operation Engineer

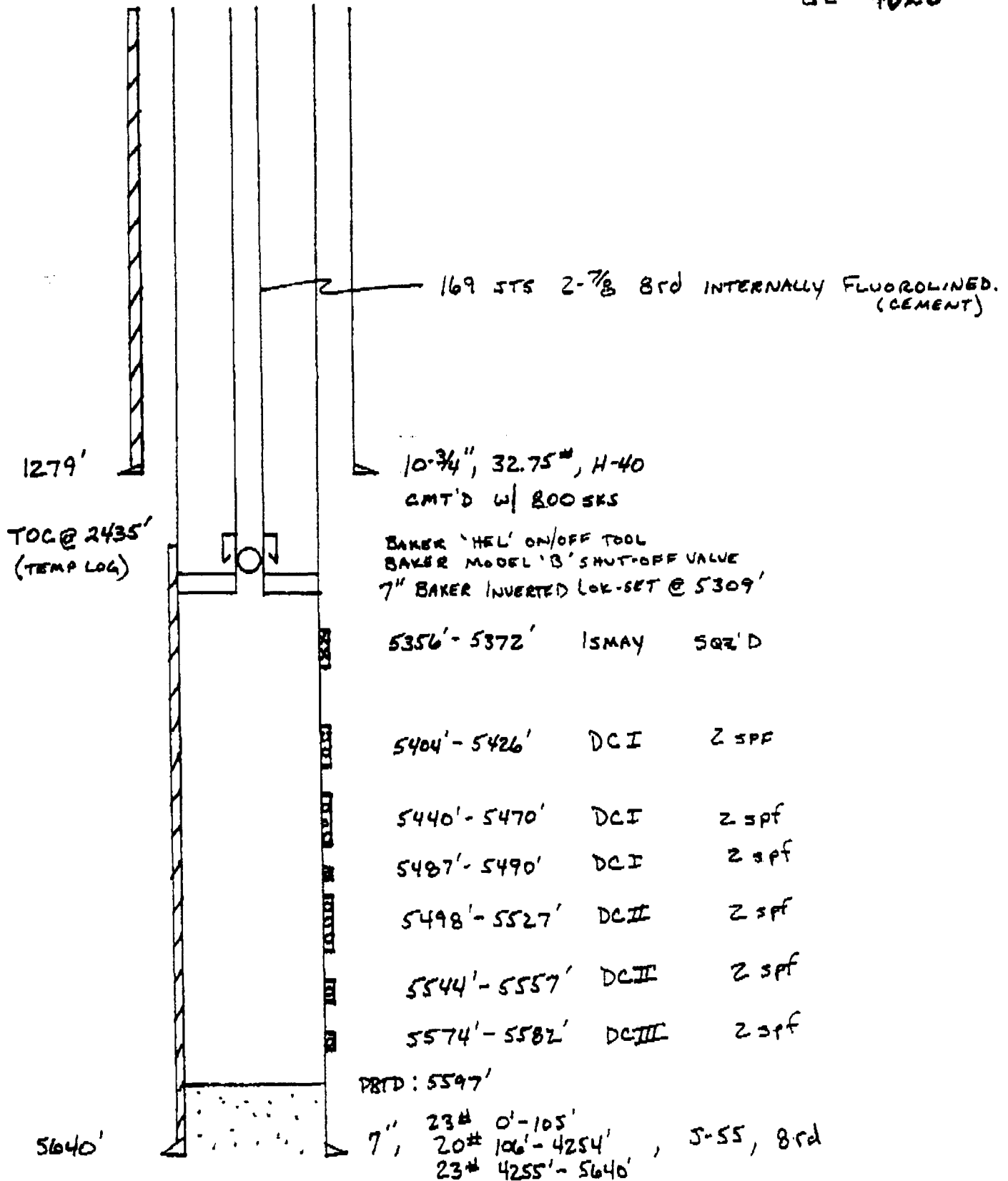


FOR McELMO CREEK UNIT R-17

JOB OR AUTH. NO. \_\_\_\_\_

LOCATION 740' ENL, 560' FWL, Sec 9, T41S, R25E

PAGE \_\_\_\_\_

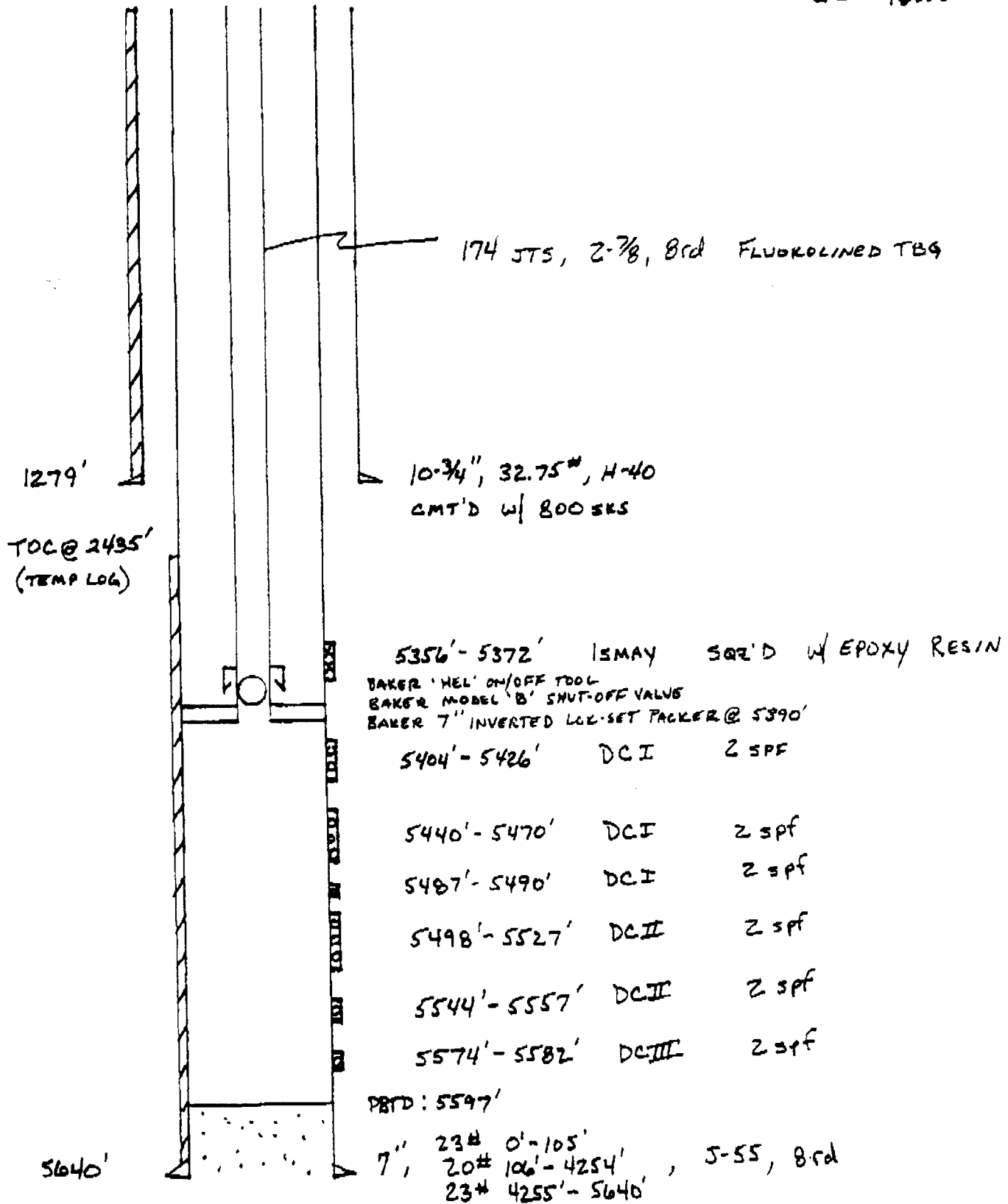
SUBJECT SAN JUAN COUNTY, UTAHDATE 3/1/92BY TW McPHERSONCURRENT / PROPOSED WELLBOREELEVATION: KB = 4636'  
GL = 4626'

FOR McELMO CREEK UNIT R-17

JOB OR AUTH. NO. \_\_\_\_\_

LOCATION 740' FNL, 560' FWL, Sec 9, T41S, R25E

PAGE \_\_\_\_\_

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GL = 4626'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED  
JUN 05 1992

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator  
**MOBIL OIL CORPORATION**

3. Address and Telephone No.  
**P O BOX 633 MIDLAND, TX 79702**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**740' FNL 560' FWL SEC. 9, T41S, R25E**

DIVISION OF  
OIL GAS & MINING  
(915) 688-2585

5. Lease Designation and Serial No.  
**14-20-603-359**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**MCELMO CREEK UNIT**

8. Well Name and No.  
**R-17**

9. API Well No.  
**43-037-15976**

10. Field and Pool, or Exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other <b>SQUEEZE WITH RESIN</b>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

4-17-92 MIRU WASH & CLEAN PERF INTERVAL TO PBDT (5597)

4-21-92 CIRC. WELL W/10.0lb BRINE. POOH W/2 7/8 TBG.

4-23-92 SET CIBP @ 5373'.

4-27-92 RAN TEMP LOG 91 - @ 5373'. DUMP 12 GAL RESIN @ 5373.

4-28-92 TAG RESIN @ 5366'. 2' OF FILL. DUMPED 23 GAL OF RESIN & CHECK TOP 5351'. 4' ABOVE PERFS.

4-29-92 TAG RESIN @ 5356' DUMP 23 GAL RESIN @ 5365'

4-30-92 RAN TEMP LOG 92 @ TD. DUMP 111/2 GAL RESIN @ 5368. THEIR TOOL FOUND TOP OF RESIN @ 5360'.

5-01-92 RU LUBRICATOR & RIH W/THIEF TOOL TAG 5364' W/SOFT RESIN TO 5360. POOH & DUMP 111/2 GAL 5360.

5-04-92 TAG RESIN @ 5364'. SET CMT RET @ 5306'. CIRC HOLE TO CONSTANT FLUID WEIGHT OF 10lb BRINE.

5-09-92 DRILL ON RET. 5355-5359. CIRC. HOLE CLEAN

5-11-92 MILL ON RESIN 5359'-5369' CIRC. HOLE CLEAN. ESTABLISH INJ RATE.

5-12-92 SET CMT RET. @ 5268. CIRC. ANNULUS CLEAN. PRESS UP ANN. 500PSI/OK. PUMP 200SX CL 'G' CMT @ 16.0 PPGW/D-600, D-135, D-47, D-65, ADDITIVES SQZD 16.3 BBLs IN FORM.

5-13-92 DRILL OUT CMT RET. 5268-5278. DISPLACE HOLE W/10LB WTR. CIRC HOLE CLEAN.

5-14-92 DRILL 10' CMT. CIRC HOLE CLEAN WOC

5-15-92 DRILL CMT. CIRC. HOLE CLEAN. TEST CMT SQZ W/HOLE FULL OF 10LB WTR AND 1000 LB ON SURF. OK. DRILL OUT CIBP. 8' BELOW CIBP.

5-18-92 LD WORKSTRING. HOLDING 200 PSI ON ANNULUS/

5-24-92 PACKER SET @ 5309'. ON/OFF TOOL & DOWN HOLE VALVE IN CLOSED POSITION. WAITING ON NEW TBG STRING.

5-25-92 RD FLINT WELL SERVICE. TURN WELL TO PRODUCTION.

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd SHIRLEY TODD

Title ENGINEER TECHNICIAN

Date 6-2-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

740' FNL, 560' FWL; SEC. 9, T41S, R25E

5. Lease Designation and Serial No.

14-20-603-359

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN R-17

9. API Well No.

43-037-15976

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

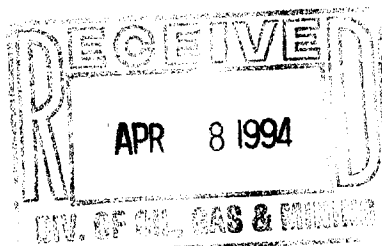
TYPE OF ACTION

- |  |  |
|--|--|
| <input type="checkbox"/> Abandonment     | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion    | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back   | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing Repair   | <input type="checkbox"/> Water Shut-Off          |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other _____     | <input type="checkbox"/> Dispose Water           |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

\*\*\* SEE ATTACHED \*\*\*



14. I hereby certify that the foregoing is true and correct.

Signed

*Donnell L. for Shirley Dord*

Title ENV. & REG. TECHNICIAN

Date 04/04/94

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

McElmo Creek Unit R-17  
Workover Procedure

1. MI 100+ bbl flat bottom open top tank with gas vent line. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing injection pump to fresh water transport. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to flat bottom tank. Stake and chain flowline down. PT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTD at 5597' using fresh water at maximum circulating rate at maximum circulating pressure of 5000 psi. Spot 10 bbls of xylene across perforations and bullhead into formation using fresh water. POH. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, 10 lbs/mgals iron sequestering agent, 1 percent mutual solvent, neutralizing any unspent acid that returns to tank. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized Enerjet perforating guns loaded with 8.0 gram RDX charges at 5 SPF, 0 degree phasing and perforate 5444'-5590', 5480'-5530', 5438'-5470', and 5402'-5426'. POH. RDMO wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit or tank and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, 10 lbs/mgals iron sequestering agent, and 1 percent mutual solvent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out tank. Turn well over to production leaving well shut in.

FOR \_\_\_\_\_

JOB OR AUTH. NO. \_\_\_\_\_

LOCATION \_\_\_\_\_

PAGE \_\_\_\_\_

SUBJECT

McElmo Creek Unit # R-17  
Coiled Tubing Workover

DATE

30/MAR/94

BY

S.S. MURPHYEXISTING

2-7/8", 6.5# J-55 Fluorolined  
 tubing (168jts)

10-3/4", 32.75#/40# H-40  
 cont'd w/ 800sx5 at 1279'

Baker Inverted Lockset Packer  
 w/ Down hole shut off valve and  
 on/off tool and 1.81" profile in valve  
 Tail at 5309'

EXISTING PERFS

5404-26', 5440-70', 5487-90' 2SP

5498-5527', 5544-57' 2SP

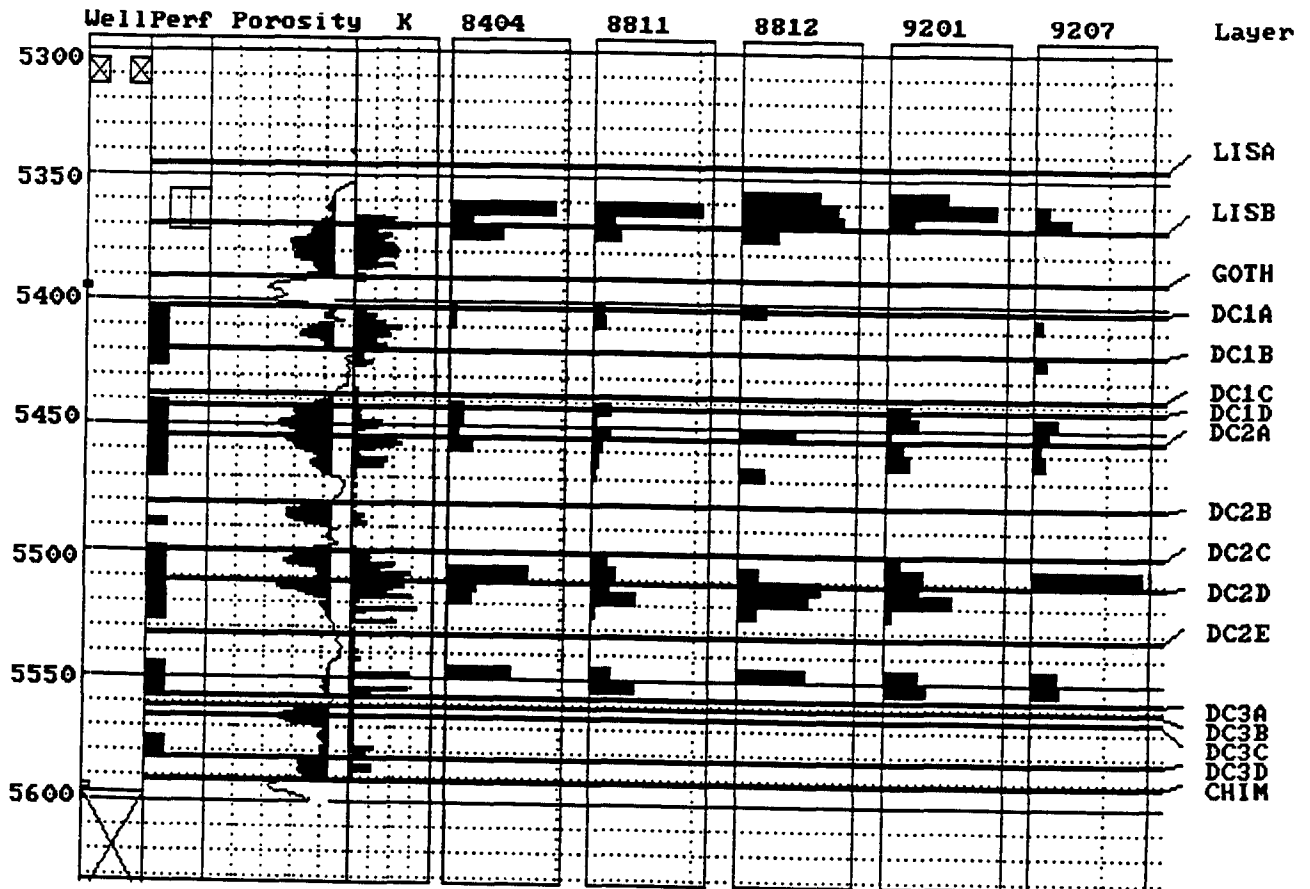
5574-82' 2SP

PBTP 5597'

TD 5640'

7" 20/23# J-55 at 5640'  
 cont'd w/ 700sx5

PROFILE HISTORY  
McElmo Creek Unit R-17



PROFILE NOTES:

8811 Profile: CO2 injection profile

PROFILE HISTORY:

DATE	UPIS	LISA	LISB	LSWA1	LSWA2	DC1A	DC1B	DC1C	DC1D	LSWB1	LSWB2	DC2A	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC3D	Unknown
8404		28.1	11.4			3.0			8.6			5.5		17.8	11.3	14.3					
8811		31.1	6.4			5.5			10.0			5.1		9.7	16.4	15.8					
8812		41.0	5.5			3.5			8.3			3.5		3.0	25.1	10.1					
9201		36.5							11.3			7.3		9.9	20.4	14.6					
9207		16.9				3.0	4.1		13.3			6.7		37.3		18.7					

Proposed Perfs

5544' - 5590'

5480' - 5530'

5438' - 5470'

5402' - 5426'

No GR/CCL required

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

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MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN R-17

9. API Well No.

43-037-15976

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

SUBMIT IN TRIPPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

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☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
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☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other **PERFORATE**  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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05/19/94 MIRU. WASH DN TO 5582. SPOT 3 BBLS ACID.

05/20/94 PERF W/6 SPF @5402-26', 5438-70', 5480-5530' & 5544-82'.

✓ 05/21/94 ACDZ PERFS W/298 BBLS 15% HCL + ADDITIVES. FLUSH AND OVERFLUSH W/50 BBLS FRESH WTR.

14. I hereby certify that the foregoing is true and correct

Signed Doris for Shirley Judd

Title ENV. & REG. TECHNICIAN

Date 06/02/94 tax creek

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

8/8/94



PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_  
 (Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
 (API No.) \_\_\_\_\_

☐ Suspense  
 (Return Date) \_\_\_\_\_  
 (To - Initials) \_\_\_\_\_

☒ Other  
 OPER NM CHG \_\_\_\_\_  
 \_\_\_\_\_

1. Date of Phone Call: 8-3-95 Time: \_\_\_\_\_

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)  
 Talked to:

Name RJ J. FIRTH (Initiated Call ☒) - Phone No. ( ) \_\_\_\_\_  
 of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: \_\_\_\_\_

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING  
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT  
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

\*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

RECEIVED  
MAY 16 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker  
Environmental Regulatory Manager

CNE/rd  
CNE8661

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-PL
2-LWP	8-SJ
3-BTS	9-FILE
4-VLC	
5-RJF	
6-LWP	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) **MOBIL EXPLOR & PROD**  
 (address) **C/O MOBIL OIL CORP**  
**PO DRAWER G**  
**CORTEZ CO 81321**  
 phone (303) **564-5212**  
 account no. **N7370**

FROM (former operator) **M E P N A**  
 (address) **C/O MOBIL OIL CORP**  
**PO DRAWER G**  
**CORTEZ CO 81321**  
 phone (303) **564-5212**  
 account no. **N7370**

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: <u>037-15976</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) *\* No Fee Lease Wells at this time!*

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 4 1995.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

950803 UIC F5/Not necessary!

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16349	G-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
✓MEPNA (MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
✓MEPNA (MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16365	O-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15969	O-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15959	L-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15963	M-14	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15957	K-16	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15954	J-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15956	K-14	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-16361	M-16	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15498	J-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15511	M-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15510	M-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15505	L-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
✓MEPNA (MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15507	L-23	41S	25E	18	INJW	Y

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.\*  
\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(NW/NW) SEC.9, T41S, R25E  
740' FNL & 560' FWL

FORM APPROVED

Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-359

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UNIT R-17

9. API Well No.

43-037-15976

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

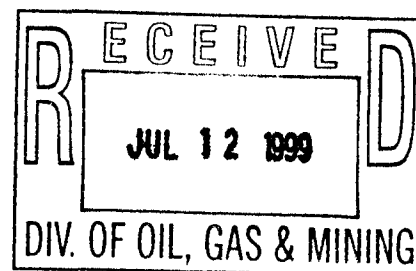
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other MIT & CHART
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SCHEDULED MIT (1999)

ATTACHED MIT & CHART



14. I hereby certify that the foregoing is true and correct

Signed Shirley Houchins Title SHIRLEY HOUCHINS, ENV. & REG. TECH Date 7-09-99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

# ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator MOBILE & P., Inc Date of Test 6-28-99  
Well Name MCElmoCreek Unit Well # R-17 EPA Permit No. \_\_\_\_\_  
Location SEC 9, T41S, R25E Tribal Lease No. 1420603359  
State and County SAN JUAN COUNTY, UTAH

Continuous Recorder? YES ☒ NO ☐

Pressure Gauge? YES ☒ NO ☐

Bradenhead Opened? YES ☒ NO ☐

Fluid Flow? YES ☒ NO ☐ <sup>MLC</sup>

TIME	ANNULUS PRESSURE, psi		TUBING PRESSURE, psi
	0-1500 psi 0-1500 psi gauge	0-1500 psi recorder	0-5000 psi gauge
2:10 pm	1100	1120	2525
2:15 pm	1095	1110	2525
2:20 pm	1095	1105	2525
2:25 pm	1085	1105	2525
2:30 pm	1085	1110	2525
2:35 pm	1085	1115	2525
2:40 pm	1085	1115	2525

MAX. INJECTION PRESSURE: 2750 PSI

MAX. ALLOWABLE PRESSURE CHANGE: 55.0 PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

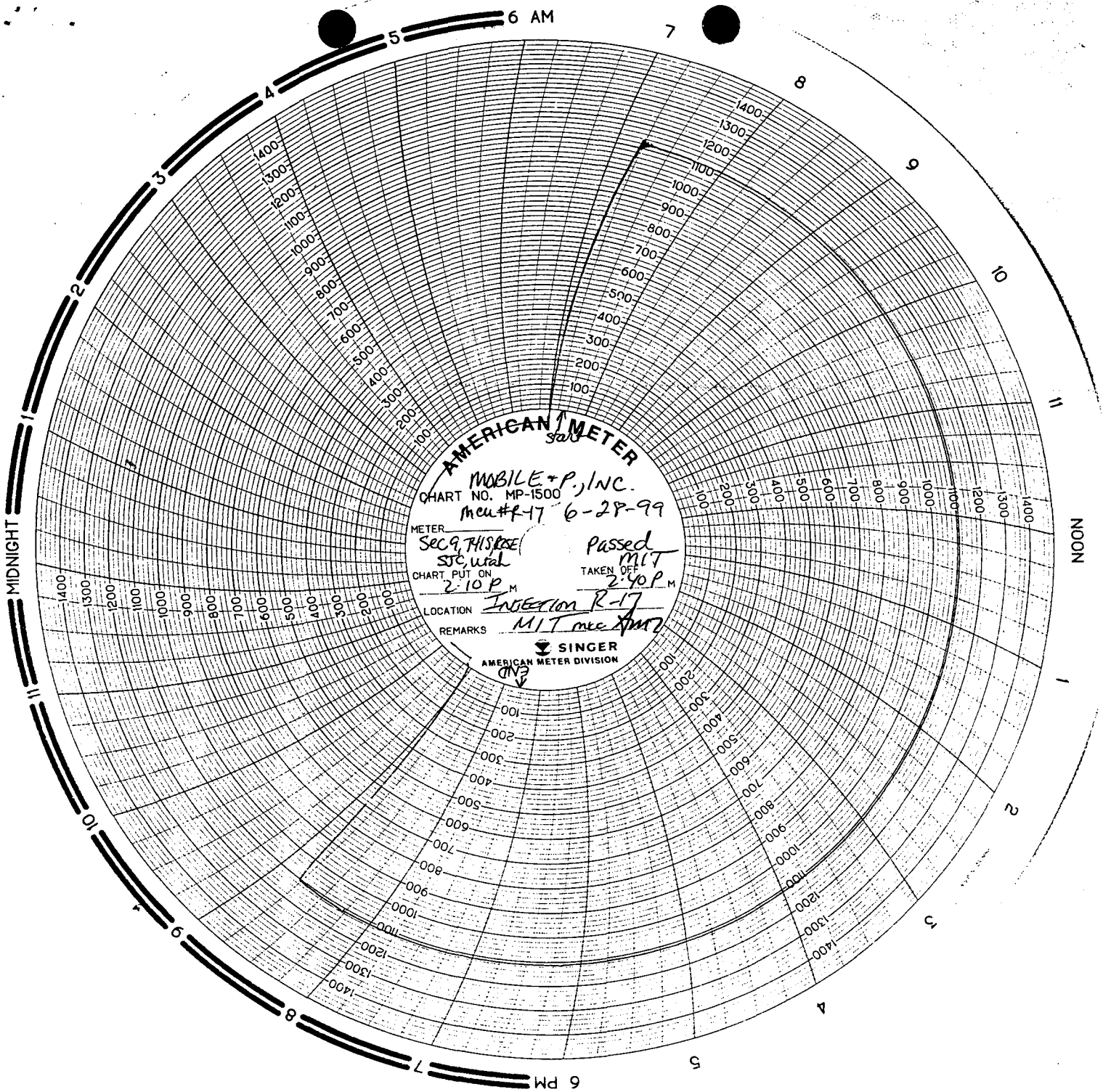
Fluid was on bradenhead. Fluid was going to be bled off into truck  
by Mobile & P., Inc.  
Passed MIT

ALBERT M. TOTHSONE, AM Tottson  
COMPANY REPRESENTATIVE: (Print and Sign)

6-28-99  
DATE

MELVINA K. CLAH Melvina K. Clah  
INSPECTOR: (Print and Sign)

6-28-99  
DATE





**ExxonMobil Production Comp**

U.S. West

P.O. Box 4358

Houston, Texas 77210-4358

June 27, 2001

**ExxonMobil**  
*Production*

Mr. Jim Thompson  
State of Utah, Division of Oil, Gas and Mining  
1549 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

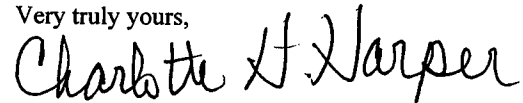
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 27 2001

DIVISION OF  
OIL, GAS AND MINING



IN REPLY REFER TO:

# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX

Navajo Area Office  
NAVAJO REGION

P.O. Box 1060

Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor  
Exxon Mobil Production Company  
U. S. West  
P. O. Box 4358  
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

DENNETT DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓  
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>DB/MC</i>
NATV AM MIN COORD	
SOLID MIN TEAM	
PETRO MENT TEAM	<i>2</i>
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

**ExxonMobil Production Company**  
U.S. West  
P.O. Box 4358  
Houston, Texas 77210-4358

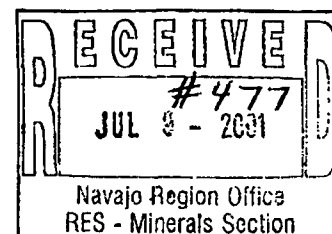
*pg 7/12/001*  
*SH*  
*543*  
*File*

June 27, 2001

Certified Mail  
Return Receipt Requested

Ms. Genni Denetsone  
United States Department of the Interior  
Bureau of Indian Affairs, Navajo Region  
Real Estate Services  
P. O. Box 1060  
Gallup, New Mexico 87305-1060  
Mail Code 543

**ExxonMobil**  
Production



Change of Name --  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-. Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

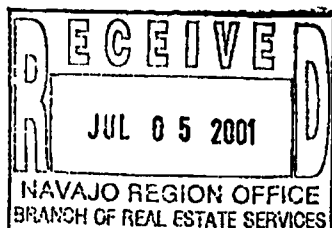
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

*NOTE: Check forwarded to Ella Isaac*

Bureau of Indian Affairs  
Navajo Region Office  
Attn: RRES - Mineral and Mining Section  
P.O. Box 1060  
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

#### OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

#### DIRECTORS

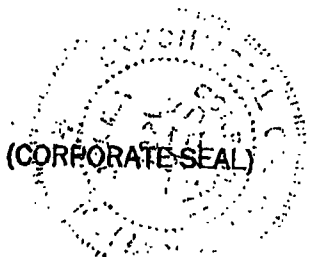
Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800 whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218



Signature

AGENT AND ATTORNEY IN FACT

Title

SAL

**CERTIFICATION**

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

**CHANGE OF COMPANY NAME**

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

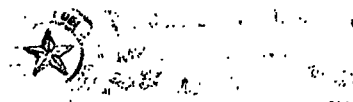
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Sullivan  
Assistant Secretary

COUNTY OF DALLAS )  
STATE OF TEXAS )  
UNITED STATES OF AMERICA )

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Janice M. Phillips  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION****Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

**CHUBB GROUP OF INSURANCE COMPANIES**

Chubb Group of Insurance Companies  
1000 West Loop South, Suite 1400, Houston, Texas 77027-3501  
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

*NW Bond*

**FEDERAL INSURANCE COMPANY RIDER**  
to be attached to and form a part of

**BOND NO 8027 31 97**

wherein

**Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is**  
named as Principal and

**FEDERAL INSURANCE COMPANY AS SURETY,**

in favor of **United States of America, Department of the Interior**  
**Bureau of Indian Affairs**

in the amount of **\$150,000.00**  
bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001  
the name of the Principal is changed

FROM: **Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.**

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12<sup>th</sup> of June, 2001.

**ExxonMobil Oil Corporation**

By :



**FEDERAL INSURANCE COMPANY**

By:

*Mary Pierson*  
Mary Pierson, Attorney-in-fact

**Chubb  
Surety****POWER  
OF  
ATTORNEY****Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company****Attn.: Surety Department  
15 Mountain View Road  
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint **R.F. Bobo**,  
**Mary Pierson**, **Philana Berros**, and **Jody E. Specht** of **Houston, Texas**-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

*Kenneth C. Wendel*  
 Kenneth C. Wendel, Assistant Secretary

*Frank E. Robertson*  
 Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
 County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came **Kenneth C. Wendel**, companies which executed the foregoing Power of Attorney, and the said **Kenneth C. Wendel** being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**, and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with **Frank E. Robertson**, and knows him to be Vice President of said Companies; and that the signature of **Frank E. Robertson**, subscribed to said Power of Attorney is in the genuine handwriting of **Frank E. Robertson**, and was thereto subscribed by authority of said **Kenneth C. Wendel** in the presence of **Karen A. Price**.



Notary Public State of New Jersey  
 No. 2231647

Commission Expires Oct. 28, 2004

*Karen A. Price*  
 Notary Public

Extract from the By-Laws of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, **Kenneth C. Wendel**, Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



*Kenneth C. Wendel*  
 Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY  
 Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com



CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

**FIRST:** That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

**SECOND:** That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

**THIRD:** That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,  
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC  
CSC

5184334741

06/01 '01 08:47 NO.410 04/05  
06/01 '01 07:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President

STATE OF TEXAS           )  
COUNTY OF DALLAS       )

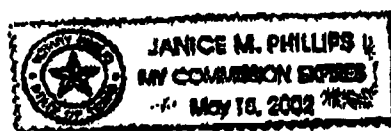
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]

  
NOTARY PUBLIC, STATE OF TEXAS

=> CSC

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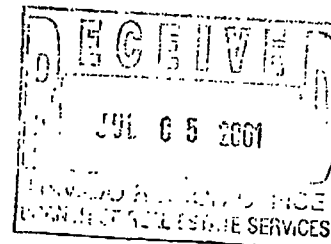
06/01'01 08:19

CSC  
CSC

5184334741

06/01 '01 09:01 NO. 411 02/02  
06/01 '01 09:06 NO. 152 04/04  
**F010601000187****CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

100 cc  
**STATE OF NEW YORK  
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION  
(Name)**FILED JUN 01 2001**5949 Las Colinas Blvd.  
(Mailing address)TAX \$  
BY: *SAC*Irving, TX 75039-2298  
(City, State and Zip code)*ny Albany**Cust Ref # 1655781775***010601000195**

=&gt; CSC

TEL=5184334741

06/01'01 08:19

*State of New York }  
Department of State } ss:*

*I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.*

*Witness my hand and seal of the Department of State on* **JUN 01 2001**



*Special Deputy Secretary of State*

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No.

Unit: MCELMO CREEK

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO C 42-6 (MCELMO CREEK M-14)	06-41S-25E	43-037-15963	99990	INDIAN	WI	A
NAVAJO C 11-6 (MCELMO CREEK J-13)	06-41S-25E	43-037-16355	99990	INDIAN	WI	A
NAVAJO C-2 (MCELMO CREEK M-16)	06-41S-25E	43-037-16361	99990	INDIAN	WI	A
NAVAJO 114-6 (MCELMO CREEK J-17)	07-41S-25E	43-037-15498	99990	INDIAN	WI	A
MCELMO CR K-20	07-41S-25E	43-037-15503	5980	INDIAN	WI	A
MCELMO CR L-19	07-41S-25E	43-037-15505	99990	INDIAN	WI	A
MCELMO CR M-18	07-41S-25E	43-037-15510	5980	INDIAN	WI	A
MCELMO CR M-20	07-41S-25E	43-037-15511	5980	INDIAN	WI	A
MCELMO CR J-19	07-41S-25E	43-037-16356	99990	INDIAN	WI	A
NAVAJO 114-18 (MCELMO CREEK K-18)	07-41S-25E	43-037-16357	99990	INDIAN	WI	A
NAVAJO 114-9 (MCELMO CREEK L-17)	07-41S-25E	43-037-16360	99990	INDIAN	WI	A
NAVAJO 114-1 (MCELMO CREEK N-17)	08-41S-25E	43-037-15514	99990	INDIAN	WI	A
NAVAJO 114-2 (MCELMO CREEK N-19)	08-41S-25E	43-037-15515	99990	INDIAN	WI	A
NAVAJO 114-11 (MCELMO CREEK O-18)	08-41S-25E	43-037-15517	99990	INDIAN	WI	A
NAVAJO 114-10 (MCELMO CREEK P-17)	08-41S-25E	43-037-15519	99990	INDIAN	WI	A
NAVAJO 114-4 (MCELMO CREEK P-19)	08-41S-25E	43-037-15520	99990	INDIAN	WI	A
NAVAJO J 11-9 (MCELMO CREEK R-17)	09-41S-25E	43-037-15976	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO CREEK R-19)	09-41S-25E	43-037-16373	99990	INDIAN	WI	A
NAVAJO J 31-9 (MCELMO CREEK T-17)	09-41S-25E	43-037-16380	99990	INDIAN	WI	A
NAVAJO J 11-16 (MCELMO CREEK R-21)	16-41S-25E	43-037-16374	99990	INDIAN	WI	A

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

**NOTE: EPA ISSUES UIC PERMITS**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 80273197

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**6/1/2006**

**FROM:** (Old Operator):

N1855-ExxonMobil Oil Corporation  
 PO Box 4358  
 Houston, TX 77210-4358

Phone: 1 (281) 654-1936

**TO:** ( New Operator):

N2700-Resolute Natural Resources Company  
 1675 Broadway, Suite 1950  
 Denver, CO 80202

Phone: 1 (303) 534-4600

**CA No.**

**Unit:**

**MC ELMO (UIC)**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a  
 The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

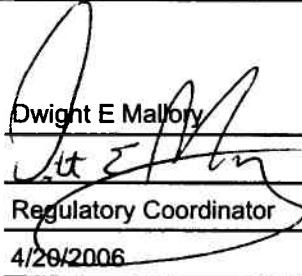
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

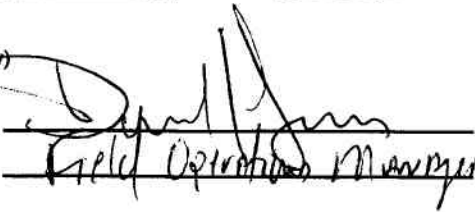
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: \_\_\_\_\_  
Address: PO Box 4358 Signature: \_\_\_\_\_  
city Houston state TX zip 77210-4358 Title: \_\_\_\_\_  
Phone: (281) 654-1936 Date: \_\_\_\_\_  
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
Address: 1675 Broadway, Suite 1950 Signature:   
city Denver state CO zip 80202 Title: Regulatory Coordinator  
Phone: (303) 534-4600 Date: 4/26/2006  
Comments: A list of affected UIC wells is attached.  
New bond numbers for these wells are:  
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:   
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

RECEIVED  
APR 24 2006  
DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E. Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED 6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:  
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <u>attached</u>
COUNTY: <u>San Juan</u>		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

**APPROVED** 6/22/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**APR 21 2006**

DIV. OF OIL, GAS & MINING

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

**GREATER ANETH FIELD UIC WELL LIST**  
**McElmo Creek lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359			
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO			
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK			
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>8. WELL NAME and NUMBER:</b> NAVAJO J 11-9 (MCELMO R-17)			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0760 FNL 0560 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 09 Township: 41.0S Range: 25.0E Meridian: S		<b>9. API NUMBER:</b> 43037159760000			
<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH		<b>COUNTY:</b> SAN JUAN			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/30/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Resolute Natural Resources respectfully submits this sundry as notice of a UIC repair on the above well. Attached are the procedures and schematic					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> January 19, 2016 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst			
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/19/2016				

**Horsley Witten: Yes, but not required at this time.**

**Procedure**

1. Check anchors
2. MIRU WSU. LOTO.
3. Determine KWF based on bottomhole survey. Bleed tubing and casing down. Plug set in packer.
4. ND WH. NU BOPE. J-off packer. Circulate KWF. Test BOPE. Prepare to pull tubing. Release pkr.
5. POOH & lay down cement lined tubing ( ran in 1992).
6. PU 2-7/8 workstring. RIH with scraper to 5330. Make several passes over proposed packer setting depth of 5,250 - 5,290 ft. POOH.
7. PU Bit X work string. Clean out to original PBTD of 5597, if possible. POOH.
8. RIH & set new 7" AS-1X packer with wireline plug in place. Set pkr at ~ 5270. J -off. Circulate pkr fluid. Perform mock MIT. POOH. LD work string.
8. PU 2-7/8" new TK Fiberline II. RIH, jay onto packer, space out & land tubing.
9. Perform mock MIT after landing tbg, if needed.
10. ND BOP, NU WH.
11. MIRU slickline unit. Test lubricator to 1000 psi.
12. RIH gauge ring, shear plug, and retrieve plug. RDMO slickline unit.
13. Flow back well and lateral until clean. RD WSU.
14. Schedule witnessed MIT w/NNEPA.
15. Notify Pierce Benally (435) 619-7234 that well is ready to return to injection.



# Resolute

Well Name: MCU R-17

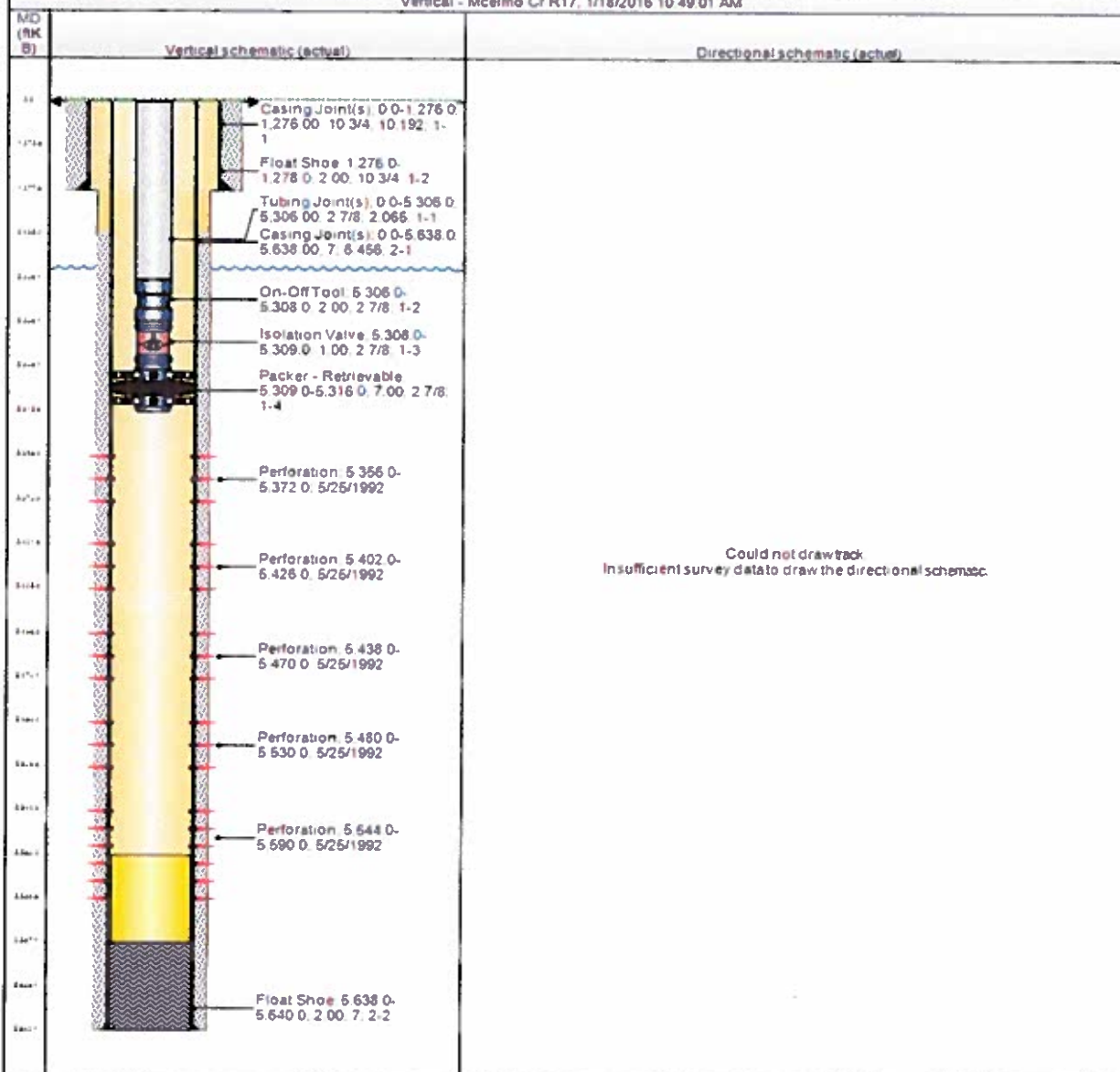
Well Number	4303715976	Section	9	Tract	NW NW	Range	41S	Block	26E	Acq. Date	5/2/1968 00:00	File Name	Log 5 - Mc Creek	County	San Juan	State	Utah	City	67.50
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## Most Recent Job

Job Description	Other	Primary Job Type	Other	Secondary Job Type	Start Date	1/5/2016	End Date	
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TD: 5,640.0

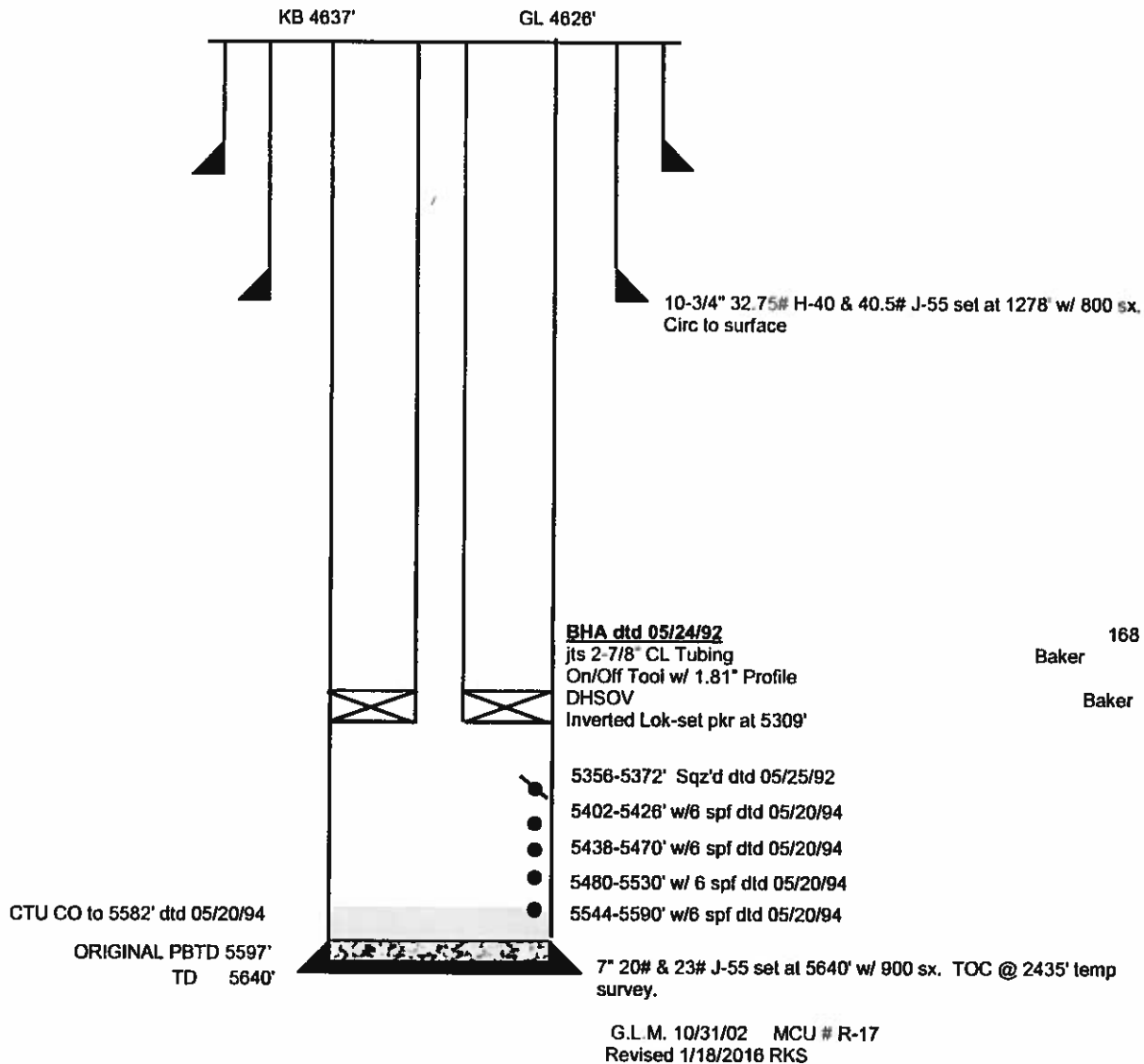
Vertical - McElmo Cr R17, 1/18/2016 10:49:01 AM





**McELMO CREEK UNIT # R-17**  
**GREATER ANETH FIELD**  
**740' FNL & 560' FWL**  
**SEC 9-T41S-R25E**  
**SAN JUAN COUNTY, UTAH**  
**API 43-037-15976**

**INJECTOR**



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-359
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>7. UNIT or CA AGREEMENT NAME:</b> MCELMO CREEK
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>8. WELL NAME and NUMBER:</b> NAVAJO J 11-9 (MCELMO R-17)
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0760 FNL 0560 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 09 Township: 41.0S Range: 25.0E Meridian: S		<b>9. API NUMBER:</b> 43037159760000
<b>PHONE NUMBER:</b> 303 534-4600 Ext		<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
<b>COUNTY:</b> SAN JUAN		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/4/2016	OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Resolute Natural Resources respectfully submits this sundry as notice that the UIC repair on the above well was completed on 2/4/2016 according to previously approved procedures		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          February 16, 2016</b>		
<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/16/2016	